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62.5  
1890

1924

# Griswold's SEEDS for 1924

BIG FOUR  
COVER COLLECTION, 30c.  
Regular Price, 40c.  
*For Description  
See Catalog*

Howling  
Mob  
Sweet Corn  
Mammoth  
Packet,  
10c.

The Lincoln Peas  
Mammoth Packet, 10c.

John Baer Tomato  
Mammoth Package, 10c.

Early Wonder Beet  
Mammoth Packet, 10c.

SIECHER CO. ROCHESTER, N.Y.

**GRISWOLD SEED & NURSERY CO.,**  
LINCOLN. NEBRASKA

# HOME FLOWER COLLECTION

50¢ VALUE FOR 35¢ POSTPAID

FIVE  
MAMMOTH  
PACKETS OF  
EASILY  
GROWN  
AND  
BEAUTIFUL  
FLOWER  
SEED  
FOR  
35¢



EARLY FLOWERING  
COSMOS  
MAMMOTH PACKET 10¢



CALIFORNIA POPPY  
MAMMOTH PACKET 10¢



MAMMOTH  
PACKET  
10¢



KOCHIA  
*or Mexican Fire Bush*  
MAMMOTH PACKET 10¢

FOR  
DESCRIPTIONS  
OF THESE  
OLD FAVORITES  
SEE  
CATALOG

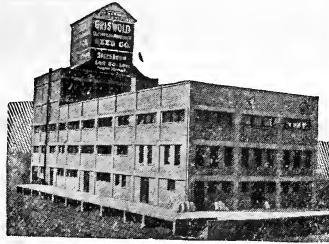


DWARF  
NASTURTIUMS  
MAMMOTH PACKET 10¢

GRISWOLD SEED & NURSERY CO.  
LINCOLN, NEBRASKA.



Our Seed Store



Our Packing Plant

## A Friendly Chat With Our 40,000 Customer Friends



We would like to meet you face to face and chat with you about raising things that interest us both. It would do us both a great deal of good to get acquainted this way. But we cannot hope to call on all of you any more than we can expect all of you to come and see us when you are up our way, so we must be content with carrying on our relations with you by mail—same as we have been doing since 1890, a span of 34 years—and in that long time we have learned to sell only the kinds of seeds that will do best and at a reasonable price, and to ship them when you want them. Some kinds of seeds are lower in price now than they have ever been and most kinds are as low. But our aim is to first offer only seeds of known quality and then we put on as low prices as we can.

As many people are sometimes at a loss to know just what varieties to select, we have tried to make our descriptions accurate and plain, and our illustrations truthful, and besides have arranged some special collections of garden and flower seeds which we feel sure will appeal to you.

Our seeds are grown in the favored seed sections all over the United States. Some also come from Europe. So seeds you buy from us are of the strongest germination and vitality. We test our own seeds in our own up to date seed testing and analyzing laboratory, and under no circumstances do we allow any seeds to leave our plant unless we know their source of origin and unless they pass a satisfactory test.

### SIMPLE RULES FOR ORDERING

To insure the prompt and accurate filling of orders, kindly make up orders alphabetically, as the goods are offered in the catalog.

We quote all seeds by pound instead of pint, quart, peck and bushel.

**TESTED SEEDS.** We test all of our seeds for both purity and germination and have a large electric tester, built according to the plans approved by the Government Department of Agriculture.

**NON-WARRANTY.** Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty, express or implied, as to purity, description, quality, productiveness, or any other matter, of any seeds, bulbs or plants sent out, and will not, in any way be responsible for the crop. It must, however, be plain to everyone who gives the matter the slightest thought, that it is to our best interests to send out only such stock as will not only grow but prove true to name and description.

**ERRORS.** Errors sometimes occur, in which event we wish to be promptly notified of the fact and will make such corrections as will be satisfactory. Errors made in printing this catalog are subject to correction. Please keep copies of all your orders for comparison.

**OUR TERMS** are cash with order. We cannot ship C. O. D. unless you remit at least one-fourth of the amount of the order. It always costs you extra for goods to come that way. We will take your personal check, but will hold order till banks report checks paid. Better send us Draft, Money Order, or Registered Letter. We always refund your money if we cannot fill order.

**MARRIED WOMEN** will save confusion in correspondence by using husband's initials.

**HOW WE SHIP.** We ship all heavy goods by freight at your expense, unless otherwise instructed. We send

you duplicate bill of lading. All plants and perishable goods are sent only by express at your expense, unless quoted "prepaid," in which case we send by mail or prepaid express.

**SAFE ARRIVAL.** We guarantee all goods except sweet potatoes to arrive safely and will refund you for any loss, providing you have Agent make notations of such loss on expense bill and return it to us. This applies on Irish potatoes if time of shipment is left to our judgment.

We are always pleased to make good any mistake, but all complaints must be made within 15 days from receipt of goods. You can have the Experiment Station test any of our seed and if not satisfactory will take it back and refund to you.

**OUR RESPONSIBILITY.** We have been in business here for 34 years. We would be pleased to have you write (enclosing stamp) any bank or business firm here in Lincoln as to our standing.

**LARGE ORDERS.** Any market gardener, association or individual requiring large quantities of seeds, are invited to write for special prices. Although we have made our prices in this catalog very low, yet when a considerable quantity in pounds or bushels is wanted, we are in a position to supply at a lower price than by the single pound or bushel. We wish it to be distinctly understood, however, that we will not sacrifice quality in so doing. Mail us a list of your wants, and we will submit to you our lowest cash price for the lot.

**FALL CATALOG.** Our fall catalog will be ready about July 1. It is brimful of seasonable seeds, plants and bulbs to plant during the summer and autumn months. Don't fail to write for a copy if you do not receive one.

**ORDERS WITHOUT MONEY OR ADDRESS.** Always give Post Office address when writing about orders.

**FREE SAMPLES.** We are always too glad to send you free samples of Corn, Grass, and other Field Seed, for testing purposes. You are not imposing on our good nature when you ask us to send you these samples, for we know the quality of the samples will bring us your big order.

# Griswold Seed & Nursery Co.

"AERO" Brand Seeds and "LINCOLN" Brand Feeds

Lincoln, Nebraska



# Griswold's Quality Vegetable Seeds



THE seeds we offer are the result of 34 years' experience in seed growing, and represent the best the earth produces. We list only varieties of real merit which can be depended upon for best results. All our garden seeds are offered at the lowest price possible consistent with our high quality. We are withdrawing all previous discounts on packets and ounces, and hereafter will list all our seeds at the following net prices:

## Discount on Seeds in Packets

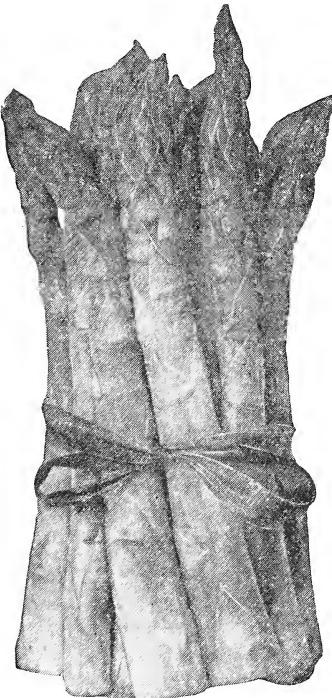
ANY 6 OF OUR LARGE 5c PACKETS FOR 25c; 13 FOR 50c; OR 28 FOR \$1.00

Three 10c packets, your choice, for 25c, postpaid.  
Six 10c packets, your choice, for 45c, postpaid.  
Twelve 10c packets, your choice, for 90c, postpaid.

Four 15c packets, your choice, for 50c, postpaid.  
Six 15c packets, your choice, for 75c, postpaid.  
Twelve 15c packets, your choice, for \$1.35, postpaid.

These prices do not include special collections of garden seeds, from which no further reductions can be allowed.  
Prices on all seeds in ounces, quarter pounds, pounds, and all quantities larger than packets are absolutely net; no discounts can be allowed.

ALL GARDEN SEEDS QUOTED  
IN THIS CATALOG EXCEPT  
PAGES 26 AND 27 ARE POST-  
PAID. FOR QUANTITY PRICES  
NOT POSTPAID, SEE PAGES 26  
AND 27.



Palmetto

## Small Garden Collection No. 1

### 14 BIG, FULL SIZED PACKETS FOR 50c POSTPAID

This collection is just the right size for the town or city lot gardener. It is made up of our best varieties, every one tried and true. You should not hesitate to order this collection. It is a bargain of unusual merit.

- |   |   |
|---|---|
| 1 pkt. Beans, Burpee's Green String-less. | 1 pkt. Peas, Tom Thumb.                     |
| 1 pkt. Beans, Golden Wax.                 | 1 pkt. Peas, Little Gem.                    |
| 1 pkt. Beets, Best Early Blood.           | 1 pkt. Onion, Danver's Yellow Globe.        |
| 1 pkt. Cabbage, All Season.               | 1 pkt. Radish, Early Scarlet Turnip.        |
| 1 pkt. Carrots, Danvers' Half Long.       | 1 pkt. Radish, Icicle.                      |
| 1 pkt. Corn, Howling Mob.                 | 1 pkt. Tomato, Early Jewel.                 |
| 1 pkt. Lettuce, Simpson's Early Curled.   | 1 pkt. Turnips, Purple Top Strap Leaf Flat. |

**REGULARLY SELLS FOR 70c. YOU GET IT FOR 50c.**

## ASPARAGUS

One ounce to 50 feet of drill; 5 pounds to the acre.

Sow in March or April, in good mellow soil, after soaking the seed 24 hours in warm water, in drills one foot apart, and one inch deep. During the summer keep the soil mellow and free from weeds, thinning the plants to 4 inches apart. The following spring transplant into permanent beds that have been dug and highly manured.

**CONOVER'S COLOSSAL**—A mammoth, green sort of the best quality. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**PALMETTO**—An early, green sort, prolific and very desirable. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**BARR'S MAMMOTH**—An early, large-stemmed, green variety. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**COLUMBIAN MAMMOTH WHITE**—Produces white stalks of large size and finest quality. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

## ASPARAGUS ROOTS

The ground should be well manured and deeply spaded, the roots planted 2 feet apart in the row, and at least 6 inches deep. These will be ready to use in 2 or 3 years. Price: 25c per doz.; 50 for 70c; \$1.25 per 100; postpaid. By express at your expense: 15c per doz.; 50 for 60c; \$1.00 per 100; \$8.50 per 1,000.

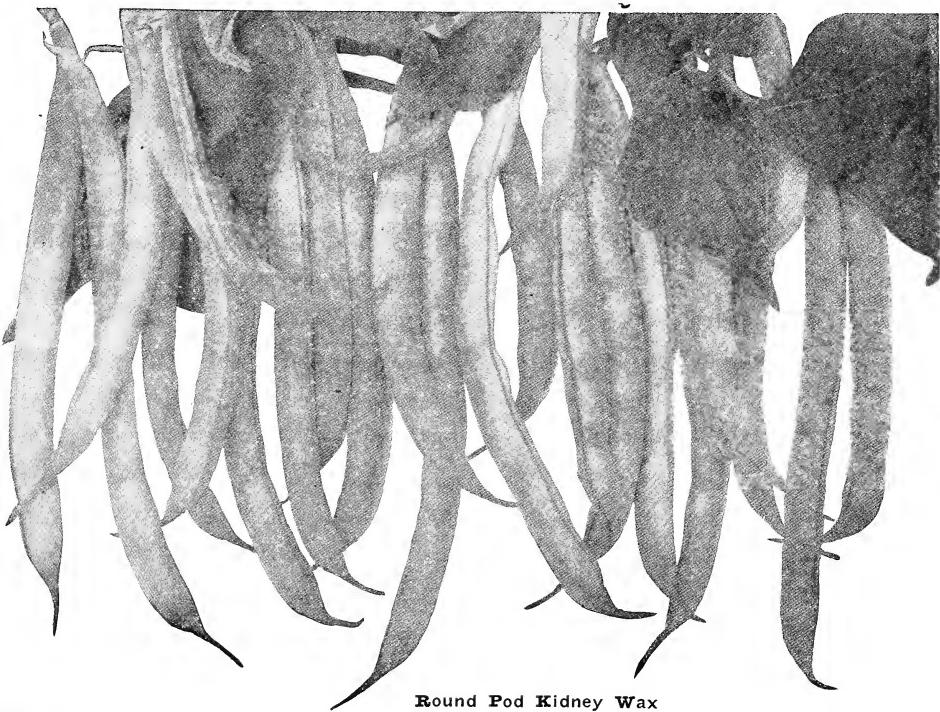


## BEANS

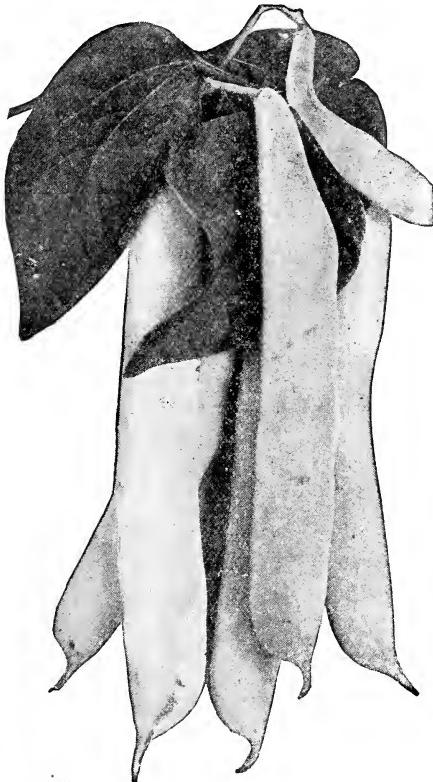
Earliest varieties, ready for table in 40 days; 1 pound to 10 feet of drill; 1½ bushels per acre.

**T**HE soil best adapted to beans is a light, rich, well-drained loam; which was manured for the previous crop. Beans are extremely sensitive to both cold and wet and it is useless to plant them before the ground has become dry and warm. The largest returns will result from planting in drills from two to three feet apart and leaving the plants two to six inches in the row. Up to the time of blossoming they should have frequent shallow cultivation. Never hoe when the vines are wet, as the pods will rust and become discolored. For succession plant every two weeks.

**For Market  
Gardeners Prices  
See Pages 26  
and 27**



Round Pod Kidney Wax



Improved Golden Wax

## BUSH OR SNAP BEANS Wax or Yellow Pod Varieties

**ADMIRAL TOGO**—This grand bean is a wax podded sort with wonderfully handsome and attractive pods averaging 6 inches in length and of an unusually desirable shade of yellow. The table quality is delicious. This sort is usually free from rust and other diseases. Its extreme earliness is also a valuable characteristic, coming as it does, only about three days behind Improved Red Valentine. Price: Pkt., 5c; lb., 35c; postpaid.

**BLACK WAX**—Pods a waxy yellow, solid, tender, almost transparent, stringless, seeds when ripe jet black. Price: Pkt., 5c; lb., 30c; postpaid.

**CURRIE'S RUST PROOF WAX**—The vine is a vigorous grower and about the hardiest of the wax sorts. Very early, bearing an abundance of handsome yellow pods of excellent quality and delicious flavor. The pods are straight and oval-flat, 5 to 6 inches long, and practically rust proof. Seed is of black color. Price: Pkt., 5c; lb., 35c; postpaid.

**DAVIS' KIDNEY WAX**—A very productive flat pod Wax Bean. The vine is rustless and very vigorous, bearing its pods near the center in clusters. The pods are invariably quite long, waxy, white, straight, and handsome, and when young are brittle, crisp and tender. Seed kidney shape, clear white and excellent for baking. One of the best for a market variety. Price: Pkt., 5c; lb., 35c; postpaid.

**IMPROVED GOLDEN WAX**—Is a great improvement on the Golden Wax, having larger pods and more prolific. This improved stock is one of the handsomest beans we have ever seen, the pods a rich golden yellow color and of perfect shape and rust proof. Best for family or market garden. Price: Pkt., 5c; lb., 35c; postpaid.

**ROUND POD KIDNEY WAX**—Is early, of vigorous growth with heavy yielding vines; pods are long, round and entirely stringless; have fine flavor and are edible to the very tips. Price: Pkt., 5c; lb., 35c; postpaid.

**SURE CROP STRINGLESS WAX**—An extra early, perfectly stringless flat Wax Bean. The pods are large and of a golden-yellow color, which they assume when still very small. Price: Pkt., 10c; lb., 50c; postpaid.

**WARDWELL'S KIDNEY WAX**—In western prairie soil this sort is at its best, and gives most gratifying results. The pods are 7 inches long, flat, brittle, stringless, straight, finely shaped, beautiful yellow, distinct and attractive; they make delicious eating. Price: Pkt., 5c; lb., 35c; postpaid.

## DWARF GREEN POD BEANS

**BURPEE'S NEW STRINGLESS**—One of the best stringless green-podded beans in cultivation. The pod is round, full, large and straight. Price: Pkt., 5c; lb., 30c; postpaid.

**GIANT STRINGLESS**—This extra early variety is exceedingly productive, bearing round green pods 6 to 7 inches long, very meaty. Price: Pkt., 5c; lb., 30c; postpaid.



Burpee's New Stringless

white, of excellent flavor. Price: Pkt., 5c; lb., 35c; postpaid.

**LAZY WIFE**—A late bean. Pods long, broad, thick and entirely stringless; rich and buttery; dry beans, white and unsurpassed as shell beans for winter use. Very prolific. Price: Pkt., 5c; lb., 40c; postpaid.

**RED KIDNEY**—Usually grown for dry beans but excellent also as green shell. Splendid for boiling or baking. These are the old-fashioned Red Kidney. Price: Pkt., 5c; lb., 35c; postpaid.

**OLD HOMESTEAD OR KENTUCKY WONDER (65 days)**—This old variety is well known to everyone. It is still one of the best Pole Beans. Vine vigorous, very productive, bearing its pods in clusters; pods green, very long, often reaching nine or ten inches, nearly round and very crisp. Ten days earlier than any other green-podded pole bean. Price: Pkt., 5c; lb., 35c; postpaid.

**YARD LONG**—A great curiosity but withal an excellent variety. Produces pods fully three feet long. Splendid for use in the green state as the pods are tender and of fine flavor. Price: Pkt., 10c; Mammoth Pkt., 25c; postpaid.

## DWARF OR BUSH LIMA BEANS

The Bush Limas are quite desirable for the garden, as their cultivation does away with poles. These should be planted edgewise with the eyes down and two inches deep. Plant June 1.

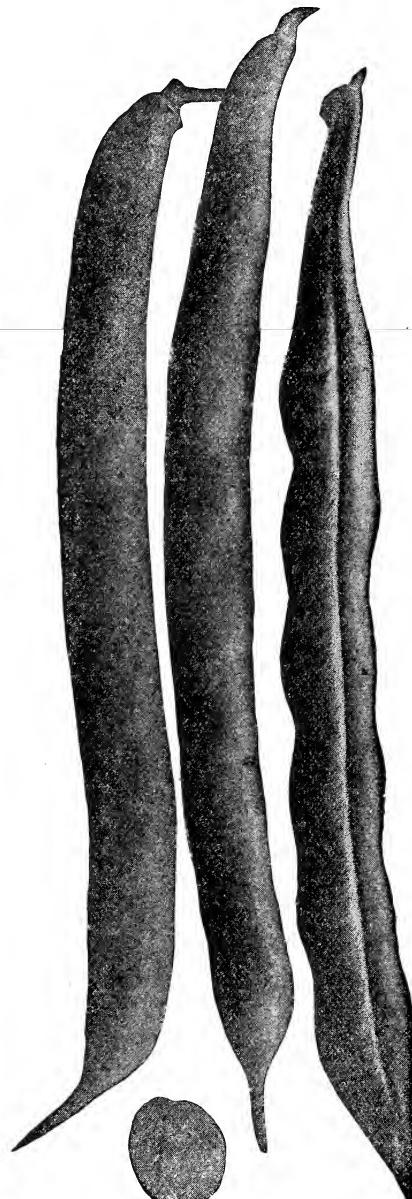
**BURFEE'S BUSH LIMA**—A dwarf or bush form of the true large Lima which is of great value. They grow from 18 to 20 inches high, of stout, erect growth, yet branching and vigorous; an immense yielder, bearing a handsome large pod, excellent green shelled beans. Price: Pkt., 5c; lb., 35c; postpaid.

**HENDERSON'S BUSH LIMA**—Grows in compact bush form about 18 inches high. The beans are small in size but of delicious flavor and great productiveness and about two weeks earlier than the others. Price: Pkt., 5c; lb., 35c; postpaid.

## GRISWOLD'S BEAN COLLECTION NO. 2. 15c Postpaid.

Four of our best beans for home gardens are our Stringless Green Pod, Wardell's Kidney Wax, Old Homestead or Kentucky Wonder Pole Bean and Henderson's Bush Lima. We will send you by mail one 5-cent packet of each of these four varieties postpaid for 15 cents. This is your chance to have these four splendid varieties at the lowest cost.

Market Gardeners Prices, See Pages 26 and 27



Old Homestead or Kentucky Wonder



## BEETS

PRICE OF ALL BEET SEED SHOWN ON THIS PAGE:

Pkt., 5c; oz., 10c; 2 ozs., 15c; 1/4 lb., 25c; lb., 70c; postpaid.

One ounce to 100 feet of drill; 5 to 7 lbs., to acre in drills. The early turnip varieties are ready for the table in from 50 to 60 days from sowing of seed.

The best results are obtained on a deep, rich, sandy loam, in freshly prepared soil, which should be pressed firmly over the seed. In dry weather soak seed 24 hours before planting.

**BEST EARLY BLOOD TURNIP**—A favorite early variety. Roots turnip-shaped, dark red, fine flavor, tender and sweet. Good for winter.

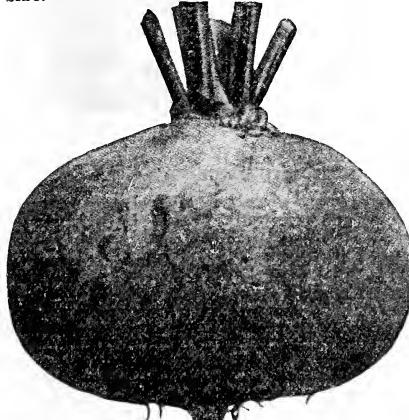
**CRIMSON GLOBE**—Early, of medium size, uniformly round; color deep crimson throughout; exceedingly tender and sweet; good keeper.

**CROSBY'S EARLY EGYPTIAN**—An improved strain of the Egyptian; skin and flesh are dark red, roots smooth, round, fine quality, extra early.

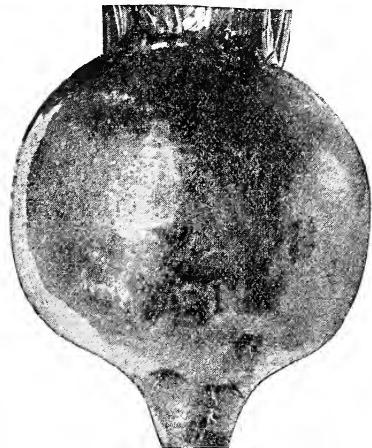
**DETROIT DARK RED TURNIP**—A grand beet for bunching for market, and for the home garden. Tops small, roots globular, skin smooth, dark blood-red, flesh bright, crisp, tender, sweet.

**DEWING'S EARLY RED TURNIP**—Of good form and flavor. Flesh and top deep blood-red; excellent for early or winter use. Smooth and handsome.

**EARLY MODEL**—A perfect globe in shape with a small tap root. The color of the flesh is equal to that of the best beet in existence. The foliage is very small. The beets are always smooth and of deepest blood red color, quickly attaining good size.



Woodruff's Early Wonder



Crosby's Early Egyptian

**ECLIPSE**—An extra early variety with round, smooth blood-red roots. Matures very early and is popular both for market and home garden.

**EDMOND'S BLOOD TURNIP**—A handsome, clean, turnip-shaped blood Beet. Skin and flesh are of a deep blood-red, sweet and tender in quality and unsurpassed for solidity and keeping purposes. The roots grow regular and are of right marketable size. Tops are small, allowing them to be grown close together. They mature early and give every satisfaction as a bunching sort.

**WOODRUFF'S EARLY WONDER**—A very early beet, maturing earlier than the Crosby's Early. Has a very small tap root and fine deep color. It matures very evenly so that it can all be pulled within a few days after you begin pulling crop. A good beet to sow as a second crop. It is said by market gardeners to be the earliest beet in existence.

**LONG DARK BLOOD**—Tops large, with good sized, long roots, tapering and growing even with the surface; dark red; flesh sweet and tender, remaining so until spring. A popular winter sort.

STOCK BEETS ARE LISTED ON PAGE 28.

## BRUSSELS SPROUTS

Mature 140 to 150 days from seed.

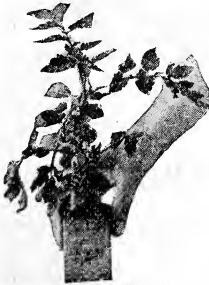
**IMPROVED HALF DWARF**—Brussels Sprouts are miniature cabbages formed on a plant stalk which usually grows from 20 inches to 2 feet in height; they may be boiled like cabbage or cooked in cream like cauliflower. They are by all means the most delicious and delicately flavored of the cabbage family. On this variety the heads grow very closely and its quality is the finest. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

## BROCCOLI

The culture is the same in all essentials as for cauliflower, in fact it is a good deal like cauliflower. It is grown most successfully where the season is long, cool, and rather moist. One of the most valuable features is that it withstands greater extremes of temperature than cauliflower.

**NEW WHITE CAPE**—A very desirable variety. It has medium sized heads, close and compact, and of a beautiful creamy white color. A sure header. Price: Pkt., 5c; oz., 35c; postpaid.

## PLANT BANDS AND FROST PROTECTORS

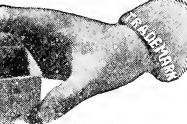


Ready to Plant

**PLANT BANDS**—The simplest way to handle plants for transplanting is to grow them in our Ready-to-Use Plant Bands, because they are ready to use and no time is lost in setting them up. You will find these bands very economical; they make an ideal worm guard. When transplanting the old way, roots are exposed to air and with the result that the plants are seriously set back. With Plant Bands it is even possible to transplant corn and cucumbers. Plants started in these bands and set in the field never know they have been moved. Prolong your growing period by getting an early start. Plants mature by this method from two to four weeks ahead of those grown by any other method. You can have the earliest vegetables by using these Plant Bands. Take advantage of high prices which plants and vegetables bring when brought to early maturity.

PRICES (All Bands packed 250 to the carton).

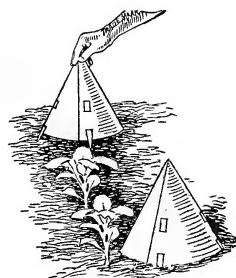
No.	Size	Depth	Per 100	Pkg. of 250	Per 1000
1-B	1 1/2 x 1 1/4	2 1/2	\$0.50	\$1.00	\$2.50
2-B	2x2	2 1/2	.60	1.25	2.65
3-B	3x3	3	.75	1.50	3.95
4-B	4x4	3	1.00	2.00	4.65



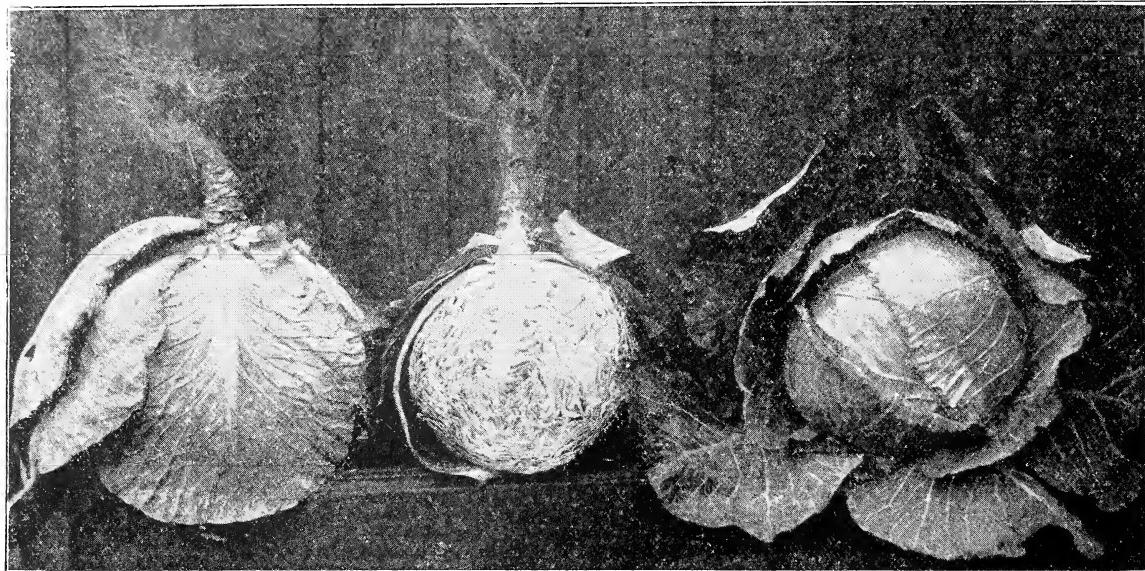
Ready to Use

### FROST PROTECTORS

With a supply of Ever-Ready Frost Protectors, there is no hunt for tin cans, pails, flower pots, or anything that will keep off the frost and anything earthen or metallic is a good conductor of heat and cold, and often plants covered with such articles are frozen. Our Ever-Ready Frost Protector is made from black, shiny, water-proof paper which will last indefinitely. They come flat, packed in packages of 50, with stakes for locking the edges and anchoring the cone to the ground. Once assembled they can be nested for storage and used from year to year. They are just as good as shade and wind protectors for plants just set out, for by allowing these stakes on the side opposite the wind or sun to extend beyond the edge, the cone will be tilted enough for ventilation. Price, including stakes: 7c each; 70c per dozen; 25 for \$1.35; 50 for \$2.50.



Frost Protector



Copenhagen Market

## CABBAGE One ounce to 5,000 plants; 2 ounces to transplant an acre. Ready for table in from 100 to 160 days from seed, according to varieties. FOR CABBAGE PLANTS SEE PAGE 24.

FOR early summer use sow in hotbed in February or March. Before transplanting to the open ground they should be hardened off by exposing them gradually to the night air. For winter use sow in open ground in May or June, taking care in either case not to let the plants stand too closely, as this makes them "spindling." When five or six inches high, transplant in rows two feet apart one way, and 12 to 18 inches the other way, according to variety, burying to the first leaf, whatever the stem length. Hoe frequently, drawing the earth up about the plants until they begin to head.

### EXTRA EARLY VARIETIES

**COPENHAGEN MARKET**—Best early roundheaded cabbage. The illustration is a good representation of a splendid new early cabbage, one our customers should not overlook. It is the earliest large roundheaded sort. The ripening is early and uniform, all maturing at one time and almost with Early Jersey Wakefield (oblong head). Considering its early season, the heads are remarkably large, averaging 10 pounds in weight. Price: Pkt., 5c; oz., 30c; 1/4 lb., 90c; postpaid.

**EXTRA EARLY EXPRESS**—The earliest variety in existence and produces rather small heads long before the Jersey Wakefield or other varieties have begun to head up. Heads solid, have few outside leaves, and can therefore be planted very close and yield a large crop. Good market sort. Price: Pkt., 5c; oz., 20c; 1/4 lb., 65c; postpaid.

**EARLY JERSEY WAKEFIELD**—Most gardeners depend upon it for the bulk of their extra early crop. Heads conical, very compact, solid and of excellent quality. Price: Pkt., 5c; oz., 20c; 1/4 lb., 55c; postpaid.



Premium Late Flat Dutch

**EARLY WINNINGSTADT**—One of the best, being very hardy and sure to head; suffers less from the cabbage worm than any other sort; heads regular, conical, very hard and keeps well. Price: Pkt., 5c; oz., 20c; 1/4 lb., 65c; postpaid.

### SECOND EARLY OR SUMMER VARIETIES

**EARLY DRUMHEAD**—A fine strain; of dark bluish-green color, plant very hardy, compact, flat head. Price: Pkt., 5c; oz., 20c; 1/4 lb., 55c; postpaid.

**EARLY DWARF FLAT DUTCH**—An early cabbage of good size. Heads are flat and very solid. Price: Pkt., 5c; oz., 20c; 1/4 lb., 55c; postpaid.

**EARLY SUMMER**—Deservedly popular with market gardeners throughout the country. It forms large, solid, round, flattened, compact heads of excellent quality, tender and sweet. The heads average over double the size of the Jersey Wakefield, weighing eight to ten pounds each, while it matures only ten or twelve days later. Price: Pkt., 5c; oz., 20c; 1/4 lb., 55c; postpaid.

**ALLHEAD EARLY**—Earlier than any other large cabbage, larger than any other early cabbage. Heads deep, flat, solid, uniform and very tender owing to its rapid growth. An all-the-year cabbage. We consider this one of the best second-early sorts on our lists. Price: Pkt., 5c; oz., 20c; 1/4 lb., 55c; postpaid.

**ALL SEASONS (Vandergaw)**—This excellent sort is early, maturing a week or ten days after Allhead Early; makes larger and harder heads than that sort, averaging ten to fifteen pounds in weight. Truly an all-season variety. Price: Pkt., 5c; oz., 20c; 1/4 lb., 55c; postpaid.

### LATE OR WINTER VARIETIES

**HOLLANDER (Danish Ball Head)**—Hardest heading variety known. Remarkable for great weight and long-keeping qualities. Price: Pkt., 5c; oz., 35c; 1/4 lb., 90c; postpaid.

**LARGE LATE DRUMHEAD**—A favorite winter variety, extra large, solid heads. Price: Pkt., 5c; oz., 20c; 1/4 lb., 55c; postpaid.

**PREMIUM LATE FLAT DUTCH**—(Selected Strain.) The heads are of a bluish-green color, flat on top, and are solid and large. Has no useless outer leaves and grows low with short stem. It cuts white and crisp, the flavor is excellent with no stringiness. Price: Pkt., 5c; oz., 20c; 1/4 lb., 55c; postpaid.

For your convenience in ordering we have made up a number of Seed Collections. You will find them in different places in the Seed Department. If you wish a collection just order by number.

**CABBAGE—Continued.**

**MAMMOTH ROCK RED**—The largest and surest heading red cabbage. The plants are large and vigorous with medium length stem and spreading outer leaves which are dark green with red veining. The heads are late maturing, large, round, very solid and of very attractive deep red color. The variety is much used for cold slaw and pickling. Price: Pkt., 5c; oz., 25c; 2 ozs., 45c;  $\frac{1}{4}$  lb., 80c; postpaid.

**SUREHEAD**—This cabbage never fails to make a fine, solid, large head, with few outer leaves. It is a vigorous grower, maturing late. First-class main crop variety. Price: Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c; postpaid.

**CARROTS**

One ounce to row 100 feet long. 3 lbs. per acre. Ready for table in from 95 to 120 days from seed, according to variety.

Any good land if thoroughly and deeply worked will produce satisfactory crops. Sow as early as the ground can be worked, sow the smaller kinds in rows 16 to 18 inches apart. For field culture sow in drills 18 to 24 inches apart.

**CHANTENAY**—The market gardener's and trucker's favorite. It is an early, very prolific, half long, stump-rooted variety, smooth-skinned, fine in appearance and entirely coreless. It is pulled very easily. The color is a rich orange and the texture and quality are unsurpassed. The finest of all sorts, and it is undoubtedly the best bunching carrot for early market use.



Danver's Half Long Pointed postpaid.

**DANVER'S HALF LONG POINTED**

—A half long orange carrot, grown largely on account of its great productiveness and adaptability to all classes of soil. Roots six to eight inches long, tapering uniformly to a blunt point. Flesh deep orange, tender and of good quality. Although the roots of this variety are comparatively short they often produce as large a bulb as the longer field sorts and are more easily harvested.

**EARLY SCARLET or SHORT HORN**—One of the most popular varieties grown; color deep orange; flesh fine grained, and of agreeable flavor; tops small; has a short stump-shaped root. Grows well in shallow soil; one of the best for early outdoor planting and for table use.

**HALF LONG STUMP ROOT**—The tops are of medium size, roots deep orange, large, tapering to a dull point. Smooth, crisp and tender.

**IMPROVED LONG ORANGE**—The roots grow uniform and smooth, 8 to 10 inches long, of large size and deep, rich orange color. It is a good keeper and of fine quality for table use, also highly nutritious for stock. A heavy yielder, best late carrot.

**OX HEART or GUERANDE**—A thick carrot, five inches long and very blunt at the lower extremity. It grows very rapidly and the roots attain a weight of more than a pound. It is tender, of good flavor and of a deep orange color and is a variety we can recommend to all market gardeners.

**PRICE OF ALL TABLE CARROTS: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 25c; POSTPAID.**

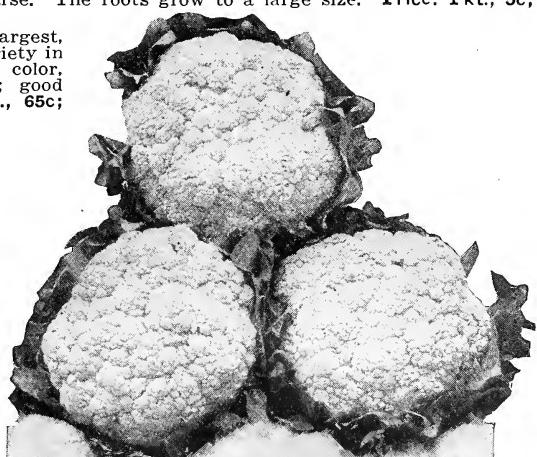
**CARROTS FOR STOCK**

Sow 4 to 6 lbs. to the acre in April or May.

These are undoubtedly the most valuable of all the roots usually grown for stock. They are more nutritious than turnips and nearly all animals like them and are benefited by them.

**LARGE WHITE BELGIAN**—Grows one-third out of ground. Roots pure white, green above ground with small top. Flesh rather coarse. The roots grow to a large size. Price: Pkt., 5c;  $\frac{1}{4}$  lb., 20c; lb., 65c; postpaid.

**LARGE YELLOW or VICTORIA**—Largest, heaviest cropping and most nutritious variety in cultivation; roots fine, of light orange color, and possessing high feeding properties; good keeper. Price: Pkt., 5c;  $\frac{1}{4}$  lb., 20c; lb., 65c;



Early Snowball

**CAULIFLOWER**

These need a deep, rich moist soil, and require the same treatment as cabbages. For early summer varieties, seed should be sown in hotbed early in March, transplant when weather is warm. For late or autumn varieties, sow in March or April, transplant in June. Hoe often.

**DANISH GIANT (Dry Weather)**—The merits of this first class cauliflower are recognized by its increasing popularity. The crop is 2 or 3 weeks earlier than the Earliest Erfurt. The heads are pure white and of fine quality. The plants are less affected by dry weather than any other variety, making it very valuable for dry sections. Price: Pkt., 5c;  $\frac{1}{2}$  oz., \$1.65; oz., \$3.00; postpaid.

**EARLY SNOWBALL (Early Selected)**—This very superior strain is noted for producing plants of dwarf habit, short, compact growth, and uniform shape. It is extremely hardy and one of the surest to make a solid head. For forcing or planting in open ground no other variety can surpass it. Good for early, second early, and late planting. Price: Pkt., 5c;  $\frac{1}{2}$  oz., \$1.35; oz., \$2.50; postpaid.



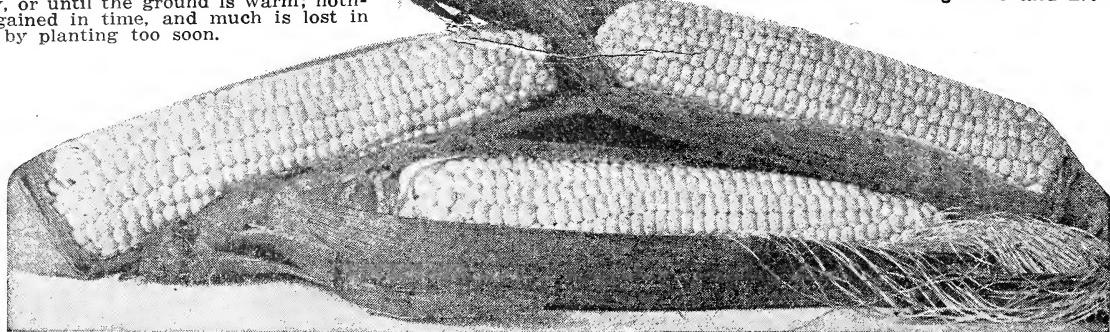
## SWEET CORN

**SWEET CORN** being liable to rot in cold wet ground should not be planted before May, or until the ground is warm; nothing is gained in time, and much is lost in quality by planting too soon.



One pound will plant 100 hills; 12 to 15 pounds to the acre in hills.

Market Gardeners Prices, See Pages 26 and 27.



Howling Mob

**ARISTOCRAT** (*The Peer of all Sweet Corn*)—This delicious sweet corn was first introduced a few years ago. It is a very reliable sort and an extra early variety, stalks grow 4 to 6 ft. high and ears of large size. Grains are extremely sweet and broad. Good market sort. Price: Pkt., 5c; lb., 35c; postpaid.

**COUNTRY GENTLEMAN** (*Shoe Peg*)—Has a small cob densely covered with irregular rows of long, slender grains of extra fine quality. Medium late. Price: Pkt., 5c; lb., 35c; postpaid.

**CROSEY'S EARLY**—Remarkably early and of the best flavor. Ears of medium size, twelve-rowed, with grains very tender and sweet. Price: Pkt., 5c; lb., 30c; postpaid.

**EARLY CHAMPION**—Only a few days later than the extra earlies, bearing large, handsome, twelve-rowed ears. Deep, white, plump grains of milky tenderness and very sweet. Very productive. Price: Pkt., 5c; lb., 30c; postpaid.

**EARLY EVERGREEN**—This is a very popular Sweet Corn. It is in the second early class, comes to maturity fully ten days to twelve days earlier than Stowell's Evergreen and yields large handsome ears of most delicious flavor. Good market sort on account of its handsome appearance and earliness. Price: Pkt., 5c; lb., 30c; postpaid.

**EARLY MINNESOTA**—One of the best early sorts for the market or private garden. Stalks four to five feet high and bearing one or two long, eight-rowed ears, kernels very broad, sweet and tender, not shrinking much in drying. Price: Pkt., 5c; lb., 30c; postpaid.

**EXTRA EARLY PREMO**—A real Sweet Corn as early as Aristocrat. Large, sweet and tender. Plant early, as it will stand some frost. Price: Pkt., 5c; lb., 30c; postpaid.

**GOLDEN BANTAM**—Extremely hardy, can be planted earlier than any other true sweet corn, thus producing the earliest supply. Ears 6 inches long, with 8 rows of grains, which are a golden yellow when ready for use. Can be planted thickly, and every stalk should have from 1 to 3 perfect ears. Price: Pkt., 5c; lb., 30c; postpaid.

**GOLDEN EVERGREEN**—A cross between Golden Bantam and Stowell's Evergreen and a most excellent sort of fine quality. Ears 8 inches long, 12-rowed; matures with Howling Mob; grain rather broad and deep, and of a rich golden-yellow color. Price: Pkt., 10c; lb., 35c; postpaid.

**HOWLING MOB**—Its peculiar but apt name refers to the vociferous demand for the ears when the originator, Mr. Keller, took them to market. The stalks are of strong, vigorous growth, 4½ to 5 feet in height, have abundant foliage and generally produce two fine ears to a stalk. The ears measure from 7 to 9 inches in length with twelve to fourteen rows of good sized pearly-white grains. Price: Pkt., 5c; Mammoth Pkt., 10c; lb., 35c; postpaid.

**MAMMOTH SUGAR**—Produces the largest ears of any sort; excellent quality, sweet, tender, delicious; late variety. Price: Pkt., 5c; lb., 30c; postpaid.

**MAMMOTH WHITE CORY**—Nearly as early but larger than Early Cory. The ears are 12-rowed; grains are broad, very white and of excellent quality for an early sort. Price: Pkt., 5c; lb., 25c; postpaid.

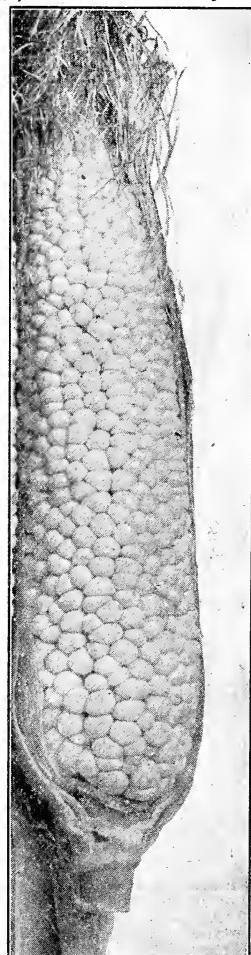
**PEEP O' DAY**—The two points of this new corn are its extraordinary earliness and sweetness. It is also very productive, the stalks bearing from two to five ears, are very dwarf, which admits of their being planted close together. Price: Pkt., 5c; lb., 30c; postpaid.

**STOWELL'S EVERGREEN**—The standard main crop variety. It is hardy, large growing and productive, very tender and sugary, remaining a long time in condition suitable for boiling. Price: Pkt., 5c; lb., 30c; postpaid.

**PAPAGO**—We call it Papago because a few kernels were found several years ago on the Papago Indian Reservation south of Tucson, Arizona. It thrives well on heat and grows and produces admirably in an arid section. The stalks grow to a height of about 7 feet, and each one produces from two to four well-filled ears of the sweetest and most delicious corn one ever ate from a cob. In hot, dry sections it will outyield all varieties of Sweet Corn nearly 10 to 1. Price: Pkt., 10c; lb., 35c; postpaid.

**POPCORN**—See page 34.

Golden Bantam



Country Gentleman



Market Gardeners Prices, See Pages 26 and 27

## CUCUMBERS

One ounce to 50 hills; 2 to 3 lbs. to the acre. Earliest variety ready for table use in 50 to 55 days from seed. Main crop in 65 to 75 days.

**A**S soon as the weather becomes settled and warm, plant in hills 4 to 6 feet apart each way, with 8 or 10 seeds in a hill, cover half an inch deep, smoothing the hill off with the hoe. Keep the soil well stirred, and when the plants are out of danger of insects, leave 3 or 4 plants to a hill.

**DAVIS PERFECT**—This cucumber has the merit of being not only a first-class variety for forcing under glass, but is equally good for outdoor culture. The color is dark, glossy green; in shape it is smooth and symmetrical with an average length of ten to twelve inches.

Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

**BOSTON PICKLING or GREEN PROLIFIC**—One of the best pickling varieties; dark green, tender, crisp and productive. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

**EARLY CLUSTER**—A short pale green variety; fruit borne in clusters near the root, containing few seeds. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.



Improved Early White Spine

## CORN SALAD

A hardy winter salad, the small leaves being served like lettuce during the fall and early winter months. Is used for garnishing meat dishes the same as parsley and cress. Seed should be sown thinly in drills during August, September and October to supply fresh leaves during the cool fall and winter months. It is quite hardy, and after cool weather sets in can be protected by a thin mulch of hay or straw. Price: Pkt., 5c; oz., 15c; postpaid.

## CHUFAS or EARTH ALMOND

In sweetness and flavor very much resembles a cocoanut or almond and greatly liked by all children. Vary in size from a large pea to a hazelnut. The nuts grow under and near the surface of the ground, easily reached and relished by pigs and poultry. As soon as the crop is grown, turn the animals into the field, thus saving the labor of harvesting and feeding, and when either hogs or chickens get a taste of them they will go over the whole field in search for them. Very prolific, nutritious and fattening. Price: Pkt., 5c; 1/4 lb., 20c; 1/2 lb., 35c; 1lb., 70c; postpaid.

Don't overlook the money-saving collections in this catalog.

**EARLY FRAME or SHORT GREEN**—Excellent for table use and for pickling. Fruit straight, smaller at each end; bright green, flesh tender and crisp. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

**EVERBEARING**—Small, very early and productive; solid, few seeds and of fine quality. It continues to bear until frost. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

**IMPROVED JERSEY PICKLING**—A standard small variety, dark green, tender, crisp, productive, of fine flavor and uniform size. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

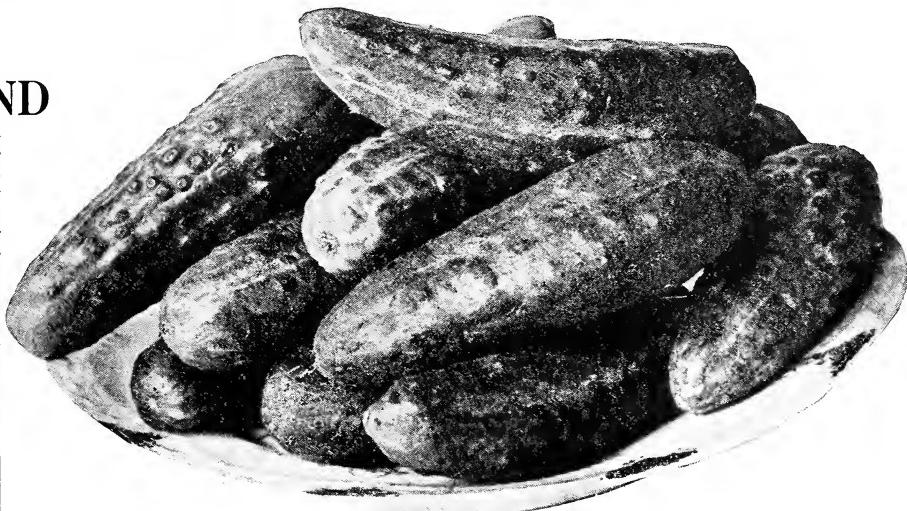
**IMPROVED EARLY WHITE SPINE**—For forcing it is preferred to all others. Flesh tender and crisp. Fruit uniform in size, straight and light green, with a few white spines. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

**IMPROVED LONG GREEN**—A well-known standard, main crop variety, about 9 inches long, of excellent quality, and makes the best of pickles. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

**LEMON CUCUMBERS**—A new kind of cucumber called the "Lemon." It is similar in color and shape to a lemon, hence its name. Its flavor is delicious and it is never bitter. Excellent for slicing—we know of none equal to it; used in salads and when quite small is often eaten like radishes. Price: Pkt., 5c; oz., 15c; 1/4 lb., 45c; postpaid.

## COLLARDS

Make excellent greens and are also excellent for all kinds of stock. Leaves may be pulled from underneath the head of the plant, and cattle, hogs and poultry are very fond of it. Such action does not injure the growing and preserving of the Collard for human food. Price: Pkt., 5c; oz., 20c; 1/4 lb., 60c; postpaid.



Boston Pickling or Green Prolific



## CELERY

One ounce to 3,000 plants or 200 feet of drill.

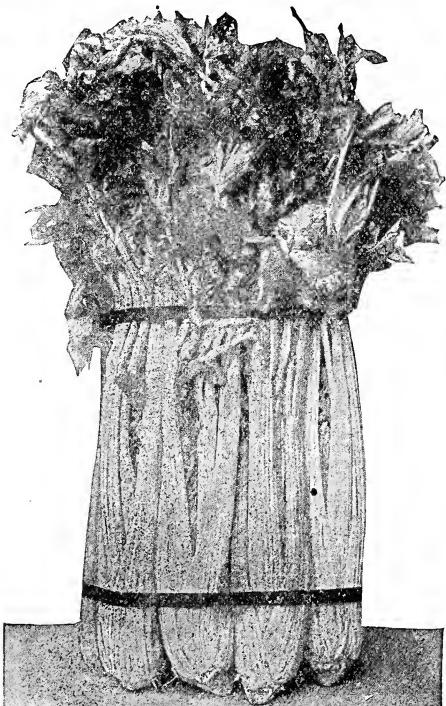
**SOW** the seed (which is slow to germinate) in shallow boxes or hotbed, cover the seed not too deep. Keep the bed moist, almost wet, until the seeds germinate. When about four inches, thin out and transplant so that they may stand three inches apart, when the plants are four inches high, cut off the tops, which will cause them to grow stocky. The essentials to success in celery growing are rich soil and plenty of water. The best results are usually obtained from setting about the middle of June or the first of July.

**CELERIAC GIANT PRAGUE**—The roots of this celery are turnip-shaped, large and smooth; are almost round and with a very few side roots. Sweet and tender and may be cooked like turnips or eaten like radishes; used largely for seasoning meats and soups. Price: Pkt., 5c; oz., 20c; 1/4 lb., 65c; postpaid.

**GIANT PASCAL**—One of the best for fall and winter use. The stalks are very large, solid, crisp and of rich, nutty flavor. Price: Pkt., 5c; oz., 20c; 1/4 lb., 65c; postpaid.

**GOLDEN SELF-BLANCHING**—This is without doubt the best celery for general use, the ribs are perfectly solid, crisp, brittle and of delicious flavor, while it has the decided merit of being self-blanching to a very remarkable degree. Price: Pkt., 5c; oz., 35c; 1/4 lb., \$1.15; postpaid.

**WHITE PLUME**—A variety specially adapted to cultivation by amateurs, as its inner stalks and leaves are naturally white. By simply tying up the stalks and drawing up the soil with the hoe the work of blanching is complete. Price: Pkt., 5c; oz., 20c; 1/4 lb., 65c; postpaid.



Golden Self-Blanching

## CHIVES

**CHIVES (Schnittlouch)**—A perfectly hardy plant something like an onion. Tops are cut off from time to time and used to flavor soup. Price: Seed, pkt., 10c; clumps, 25c each; postpaid. By express, \$1.50 per dozen.



Garden Huckleberry

## CHINESE or CELERY CABBAGE

A delicious celery-flavored cabbage. Large, compact head, crisp, tender and brittle with a fine celery flavor. Makes a most excellent salad or may be cooked as cabbage. Culture the same as for winter cabbage. When large enough should be blanched by earthing up and tying closely with burlap. Price: Pkt., 5c; oz., 50c; 1/4 lb., \$1.75; postpaid.

## ENDIVE

One ounce to 100 feet of drill. Ready for table in 43 to 50 days from seed. One of the best autumn and winter salads. Sow from June until August, 1/2 inch deep in drills 14 inches apart and thin out to one foot apart in rows. When nearly grown, bleach by tying tips of leaves together.

**GREEN CURLED, WINTER**—Very hardy; leaves dark green and tender. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

**WHITE CURLED**—Very tender when cut young; blanches readily. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

## GARDEN HUCKLEBERRY

This new fruit belongs to the same family as tomatoes and egg plant, being grown and cultivated in the same manner. It is an annual and produces fruit from seed the first year; easiest plant in the world to grow, succeeding in any good garden soil and yielding great masses of rich fruit all summer and fall. The fruit is as large as a grape, and jet black when ripe. It is non-edible when green, but when ripe it is fine for cooking, the flavor being very much like the real Huckleberry. It makes delicious pies, jellies, preserves, sauce, jam, etc. It may be canned or preserved in any form. Price: Pkt., 10c; Mammoth Pkt., 25c; postpaid.



Green Curled Endive

## FINOCCHIO

**FLORENCE FENNEL**—A delicious vegetable used extensively in Italy as a salad, and also may be served boiled. When the enlargement of leaf stalk, at base of stem, is about the size of a hen's egg it should be earthed up so as to cover half of it and in about ten days cutting may be commenced. The flavor is somewhat like celery but it has a sweet taste and delicate odor. Price: Pkt., 5c; oz., 40c; 1/4 lb., \$1.25; postpaid.



## GARDEN HERBS

Herbs delight in a rich, mellow soil. Those marked with an \* are perennial. Sow early in spring in shallow drills, one foot apart; when up a few inches thin out; cut just before they come into full blossom, tie in bunches and hang up or spread thinly.

**DILL**—Leaves and seed are used in soups, sauces and pickles. It reseeds itself each year. Price: Pkt., 5c; oz., 15c; 1/4 lb., 50c; postpaid.

\***LAVENDER**—Aromatic, medicinal herb. Price: Pkt., 5c; oz., 65c; 1/4 lb., \$2.00; postpaid.

**MINT**—The old-fashioned mint has been growing in favor of late years. Used in flavoring meats, etc., also for mint sauce. Easily grown. We offer only roots. Price, per clump, 20c: 2 for 35c; postpaid.

\***MAJORAM (Sweet)**—Leaves and shoots used for seasoning. Price: Pkt., 5s; oz., 65c; 1/4 lb., \$2.00; postpaid.

**SAGE**—Much used for seasoning. Price: Pkt., 10c; Mammoth Pkt., 25c; p. p.

**SUMMER SAVORY**—Used for flavoring soups. Price: Pkt., 5c; oz., 60c; 1/4 lb., \$2.00; postpaid.

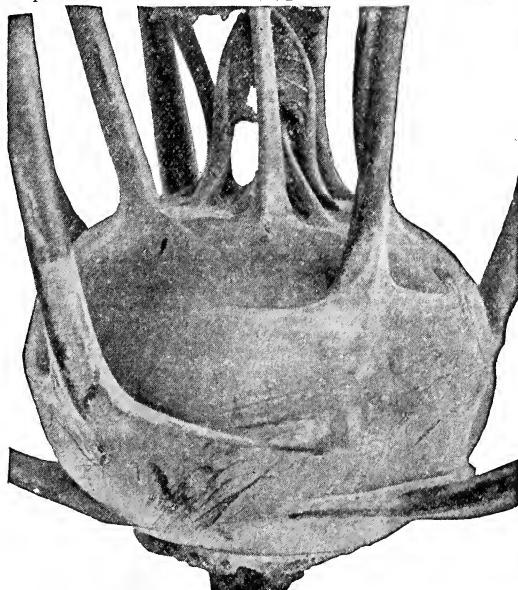
\***THYME**—For medicinal use. Price: Pkt., 5c; oz., 65c; 1/4 lb., \$2.00; postpaid.

## CRESS or PEPPERGRASS

Ready in from 21 to 40 days. Cress should be sown in a sheltered spot quite thick in shallow drills, in a short time it will be fit for cutting. Sow frequently, as it matures rapidly.

**EXTRA CURLY**—This small salad is much used with lettuce. The warm, pungent taste makes a most agreeable addition. Price: Pkt., 5c; oz., 15c; 1/4 lb., 45c; postpaid.

**WATER CRESS**—Hardy perennial, growing rapidly on the banks of streams or ponds. Price: Pkt., 5c; 1/2 oz., 25c; oz., 40c; postpaid.



White Vienna Kohlrabi

## KALE or BORECOLE

This is a popular boiling-green for fall, winter and early spring use, resembling cabbage in flavor. The plant is entirely hardy in well-drained soil and can be grown easily from seed planted during the summer and fall months. The plants are usually cut off for use when the leaves are 6 inches in length. The sweetness and flavor of the leaves are improved by freezing weather. One ounce should produce 4,000 plants.

**DWARF KALE**—The leaves are curly, bright green, very tender, and delicate flavor. Price: Pkt., 5c; oz., 20c; 1/4 lb., 50c; postpaid.

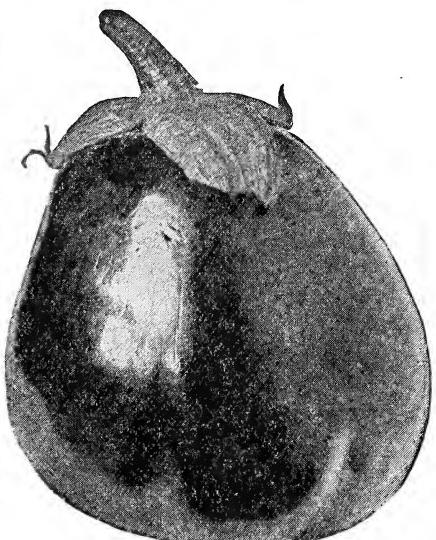
**TALL GREEN CURLY**—About two feet high, with numerous dark green curled leaves. Price: Pkt., 5c; oz., 20c; 1/4 lb., 50c; postpaid.

## MUSTARD

**CHINESE**—The immense leaves grow rapidly, and can be cut frequently until killed by frost. Leaves are eaten boiled, like Spinach. Price: Pkt., 5c; 1/4 lb., 20c; lb., 60c; postpaid.

**MAMMOTH SOUTHERN CURLY**—The large curled-leaf variety, popular in the South, where the seed is sown in the fall for spring use. Price: Pkt., 5c; 1/4 lb., 20c; lb., 60c; postpaid.

**WHITE**—A small pungent salad; the seed is also used for flavoring pickles, etc. Price: Pkt., 5c; 1/4 lb., 20c; lb., 60c; postpaid.



New York Purple

## EGG PLANT

One ounce to 1,000 plants. Ready for table in 145 to 160 days. A tender plant, start early in hotbed or in the house. Plant out early in June, be careful to prevent plants being chilled by the change.

**BLACK BEAUTY**—Is ten days to two weeks earlier than New York Improved. The fruits are large, of a rich glossy, purplish black color, very handsome and attractive. It is entirely free from spines. Price: Pkt., 5c; oz., 40c; postpaid.

**IMPROVED NEW YORK PURPLE**—Entirely spineless. Low growing plants, stalky and branching, bears early and almost continuously. Fruits are large satiny smooth and a rich purple color. Price: Pkt., 5c; oz., 40c; postpaid.

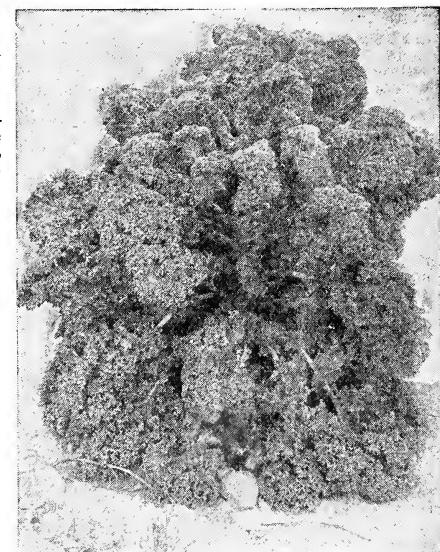
## KOHLRABI

One ounce to 300 feet of drill, and makes 3,000 plants. A vegetable intermediate between the cabbage and turnip. The edible bulb is served like turnip. Sow from May to July in rows 18 inches apart, and thin. Cultivate the same as cabbage.

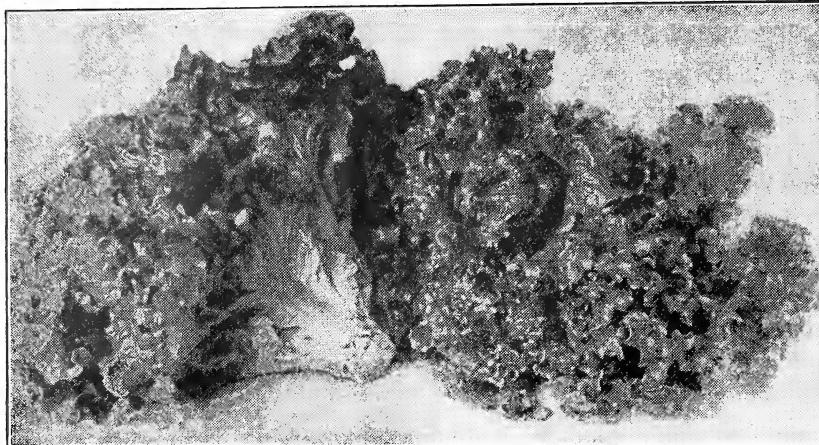
**EARLIEST SHORT-LEAVED WHITE VIENNA FORCING**—This variety is especially adapted for early work and forcing; delicate flavor. Price: Pkt., 5c; oz., 25c; 1/4 lb., 75c; postpaid.

**EARLY WHITE VIENNA**—A favorite sort; flesh white and tender. Price: Pkt., 5c; oz., 25c; 1/4 lb., 75c; postpaid.

**EARLY PURPLE**—Purple outside with white flesh. Price: Pkt., 5c; oz., 25c; 1/4 lb., 75c; postpaid.



Tall Green Curled Kale



Simpson's Early Curled

## CABBAGE OR HEADING VARIETIES

The best results with head or cabbage sorts is only obtained when the plants are transplanted several times.

**BIG BOSTON**—A large heading, forcing sort, very hardy and vigorous, with broad, comparatively smooth, thin and very hard, bright green leaves. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**CALIFORNIA CREAM BUTTER**—Forms round, crisp, solid heads, of buttery flavor, medium early. One of the best summer varieties of head Lettuce. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**HANSON**—Forms a large, flat head, resembling that of cabbage and so slow to form a seed stalk that it often fails to seed. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**DENVER MARKET**—An early variety of Head Lettuce, either for forcing or open ground. It forms large heads of good light green color. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**NEW YORK IMPROVED**—Also called "Wonderful" and "Los Angeles." The main summer crop hot weather head lettuce, it furnishes fine crisp lettuce during the hot summer months. It is reliable, a sure header, and is slow to go to seed. Plants of extra large growth, producing closely folded heads of immense size, often 15 inches in diameter and weighing 2 pounds each. The inner portion is beautifully blanched; outer leaves a deep rich green. Price: Mammoth Pkt., 10c; oz., 20c; 1/4 lb., 50c; postpaid.

**ICEBERG**—Makes a large handsome crisp head, conical in shape, tightly folded and well balanced; outer leaves fringed. Very highly esteemed for its beautiful appearance and mild flavor, even during hot summer months. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

## LENTILS

A leguminous annual, resembling peas, with round, flat seeds, which are much used for soup and making a delicious dish; they are also splendid for pigeon feed. The stems and leaves make good fodder. Succeeds well on dry soil. Price: Pkt., 5c. Write for price in larger quantities.

## HORSERADISH

This splendid appetizer cannot be overestimated. Twenty-five plants are sufficient for a family. The roots grow and increase rapidly in size with each succeeding year. Plant in a corner of the yard where you wish it to grow and you can begin digging the next year. Price: Postpaid, 50c per dozen; not postpaid, 40c per dozen.

## LETTUCE

One ounce to 400 feet of drill. Ready for use in 3 or 4 weeks; marketable size 60 to 75 days from seed.

### CURLED or LOOSE LEAF VARIETIES

**BLACK SEEDED SIMPSON**—The leaves are large and form a compact mass. They are thin, tender and of a very light green color. Well adapted for growing under glass or for very early spring use. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**EARLY PRIZE HEAD**—Forms a mammoth plant, in which even the outer leaves are crisp and tender; color bright green tinged with brownish red. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

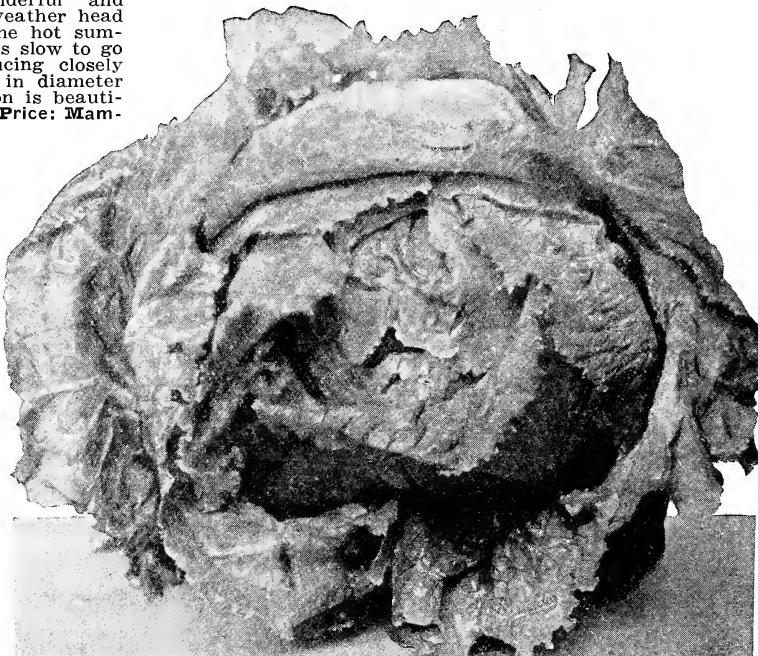
**GRAND RAPIDS**—As a lettuce for greenhouse forcing, this variety undoubtedly stands at the head of the list, being of quick growth, little liable to rot and standing for some days after being fit to cut. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**EARLY CURLED SILESIA**—An early, erect growing and loose heading lettuce, especially adapted for outdoor planting, and can be used when very young. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

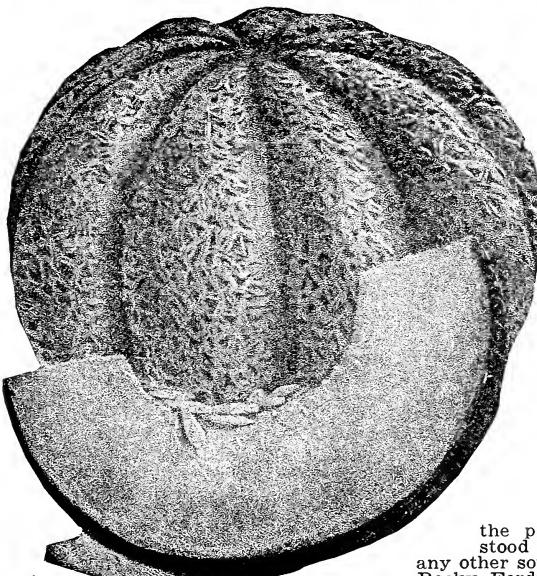
**SIMPSON'S EARLY CURLED**—Leaves broad, frilled and blistered. Light green, sweet, tender, and well flavored. An early, erect growing sort. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

## LEEK

**AMERICAN FLAG**—The Leek is a very hardy plant with sweet onion-like flavor. It does not make bulbs, but the plant has a long, thick neck somewhat resembling the young growth of the onion in the spring. Price: Pkt., 5c; oz., 20c; postpaid.



New York Improved



Hackensack

the past summer it stood up better than any other sort shipped from Rocky Ford to New York City, and also commanded a premium over any other sort then on the market. Recommended by well-informed and best-posted men at Rocky Ford. Price: Pkt., 10c; oz., 25c; 2 ozs., 40c; 1/4 lb., 75c.

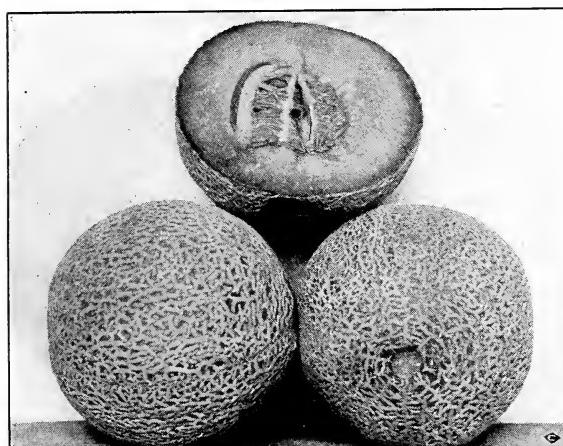
**EMERALD GEM.** S.—Where an extra early melon for home use is wanted, nothing can equal this superb sort. Of medium size, outside skin emerald green and smooth. Ripens clear through to rind, which is very thin. Flesh is thick and juicy, of nice salmon color. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., \$1.05; postpaid.

**EXTRA EARLY HACKENSACK.** G.—Ten days earlier than Hackensack. Melons weigh 4 to 10 pounds each. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 90c; postpaid.

**GOLD LINED ROCKY FORD.** G.—This strain of the Eden Gem type is the result of several years' selection by one of the most progressive farmers of Rocky Ford, Colo. Its shape is ideal, very slightly oval, no ribs, and it is heavily netted over the entire melon. It is thick meated, fine grained and sweet; color green with a gold margin next to the seed cavity. Price: Pkt., 5c; oz., 20c; 1/4 lb., 50c; lb., \$1.75; postpaid.

**HONEY DEW MELON**—It is as sweet as honey and has the mingling of several flavors—pineapple, banana and vanilla predominating. The average size of the melon is 6 inches in diameter and 7 to 8 inches in length, weight 5 to 6 pounds. Seed cavity is very small, the rind impervious to water, the melon does not shrink in weight, is not easily bruised and is a splendid shipper. Yields at the rate of 8,000 to 10,000 melons per acre. The melon slips from vine when ripe and will keep several weeks; the late maturing ones may be kept until Christ-

mas. Price: Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.40; postpaid.



Edwards Perfecto

## MUSK MELONS

One ounce to 50 hills; 2 to 3 pounds per acre. Earliest varieties ready in 90 to 100 days from sowing. General crop requires 115 to 140 days.

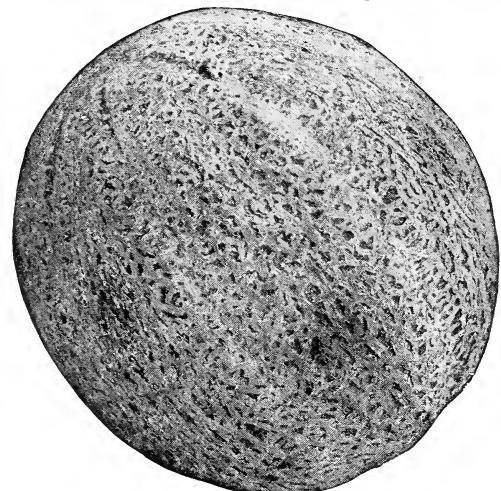
Melons thrive best in light, rich soil. Plant when the ground has become warm and dry. The letter G following name signifies green meat; S, salmon colored.

**BANANA CANTALOUP.** S.—The melons grow 24 to 30 inches long; stand summer sun as no other cantaloupe will, and continue to bear until late in the season. The salmon-colored flesh is thick and of delicious banana-like flavor. Price: Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb., \$1.15; postpaid.

**BURRELL'S GEM.** S.—Very much like Rocky Ford, but has orange colored flesh. The flesh is fine grained and spicy. It is a good keeper. Fruits large and somewhat elongated. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., \$1.05; postpaid.

**EDEN GEM or NETTED ROCKY FORD CANTALOUP.** G.—This magnificent new muskmelon is a selection of the old Rocky Ford, which it completely surpasses in lusciousness, yield, carrying, and good selling qualities. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 90c; postpaid.

**EDWARDS PERFECTO**—“Salmon Fleshed Rocky Ford.” It is a new variety developed from the Rocky Ford Eden Gem by J. R. Edwards of Rocky Ford. Fruit uniform in size, nearly round, and densely covered with a hard gray netting. Flesh very thick with a delightful salmon-color shading into green as it nears the rind. The Perfecto has the deepest flesh, smallest seed cavity and more salmon color than any type of Rocky Ford shipping melon. For



Gold Lined Rocky Ford

**HACKENSACK.** G.—A popular variety of large size. It is round in shape, flattened at both ends, of most delicious flavor and wonderfully productive. Flesh green. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 90c; postpaid.

**LONG ISLAND BEAUTY.** G.—A variety similar to Hackensack but of superior quality. Melons are large, deep ribbed and heavily netted. Flesh a clear green. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 90c; postpaid.

**NUTMEG.** G.—Fruits round, 7 inches in diameter, slightly flattened at the ends. Well ribbed and heavily netted, thick, pale green flesh, sweet and melting. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 90c; postpaid.

**OSAGE or MILLER'S CREAM.** S.—A standard sort, medium size, oval, dark green, netted and slightly ribbed. The flesh is thick and firm, rich salmon colored, highly flavored and delicious to the rind. Price: Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb., \$1.05; postpaid.

**ROCKY FORD.** G.—This variety has everywhere been in great demand. Hundreds of carloads have been shipped from the little town of Rocky Ford, Colo., to the large cities, taking the place of other varieties. Of just the right size for table use. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 90c; postpaid.

**SANTA CLAUS MELON.** G.—Just think of having a melon to eat with your Christmas dinner! But this is what is claimed by the originator of this wonderful novelty. There is no seed cavity. The seeds are embedded in a jelly-like pulp. The light green flesh is absolutely stringless; its flavor excels anything in the melon line; it is in a class by itself and is beyond description. This melon should become more popular than the Rocky Ford because it is more delicious and it is a Christmas melon. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.40; postpaid.



Rattlesnake

**COLE'S EARLY**—A very choice melon for the home garden; can be grown farther north than any other variety. The flesh is bright red, crisp and very delicate in texture. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 65c; postpaid.

**CUBAN QUEEN**—ds.—One of the latest varieties, skin striped dark and light green; heavy cropper, flesh bright red, luscious. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 65c; postpaid.

**FLORIDA FAVORITE**—Is an unsurpassed extra early, good quality, medium-sized melon, just the right kind for home use and nearby markets. It is a large smooth, beautifully shaped melon, of dark green color, irregularly striped with lighter green, very early and prolific. Flesh red, very crisp, tender and juicy. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 65c; postpaid.

**GYPSY or GEORGIA RATTLESNAKE**—ls.—One of the largest, oldest and most popular sorts, especially in the South. Fruit very long, of light green color, distinctly striped and blotched with a darker shade. Flesh bright scarlet. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 65c; postpaid.

**HALBERT'S HONEY**—ls.—A splendid sort for home use or local market. Vine vigorous and productive; fruit large and oblong; color dark glossy green. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 70c; postpaid.

**HARRIS' EARLIEST**—An extra early melon of excellent quality. The fruits are exceptionally large for so early a variety, slightly oval with irregularly mottled broad stripes of light and dark green. The flesh is bright red, sweet and tender. Seed black. The vines are vigorous and productive. One of the best varieties for early planting and northern latitudes. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 70c; postpaid.

**ICE CREAM (Peerless)**—ls.—Medium in size, almost round; the skin is pale green; slightly mottled; flesh bright scarlet, solid to the center. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 65c; postpaid.

## WATERMELONS

Ready from 90 to 140 days from seed. One ounce to 30 hills; 4 pounds per acre.

**T**O get good strong vines early in the season, make large, well-drained hills of earth, made very rich, about eight feet apart. In these plant the seed as soon as the ground is warm and dry and carefully protect the young plants from insects, and hasten their growth by the use of liquid manure. ls, light seed; ds, dark seed.

**ALABAMA SWEET**—ls.—This is a large oblong melon; color, dark green with faint lighter stripes. Being of good size, though not ungainly, it is first class for shipping purposes. Its flavor is simply delicious, it is entirely stringless. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 65c; postpaid.

**COLORADO PRESERVING CITRON**—ds.—This is a large fruiting strain of citron for preserving. Flesh clear white and very solid. Green seed. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 65c; postpaid.

**KLECKLEY'S SWEET (Monte Cristo)**—ls.—Large, oblong melon, skin dark green, rind about 1/2 inch in thickness. The scarlet flesh is sweet and sugary and of such texture that it leaves no strings of pulp in eating. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 70c; postpaid.

**KOLE'S GEM**—A favorite on account of its excellent shipping qualities. It is extensively grown for that purpose. Nearly round; color a dark green with lighter narrow stripes. Very thin rind; flesh bright red, good flavor. Our seed is choice. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 65c; postpaid.

**McIVER'S WONDERFUL SUGAR**—ls.—The melons attain a great weight, are of a very handsome appearance, never crack or lose their fine flavor. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 65c; postpaid.

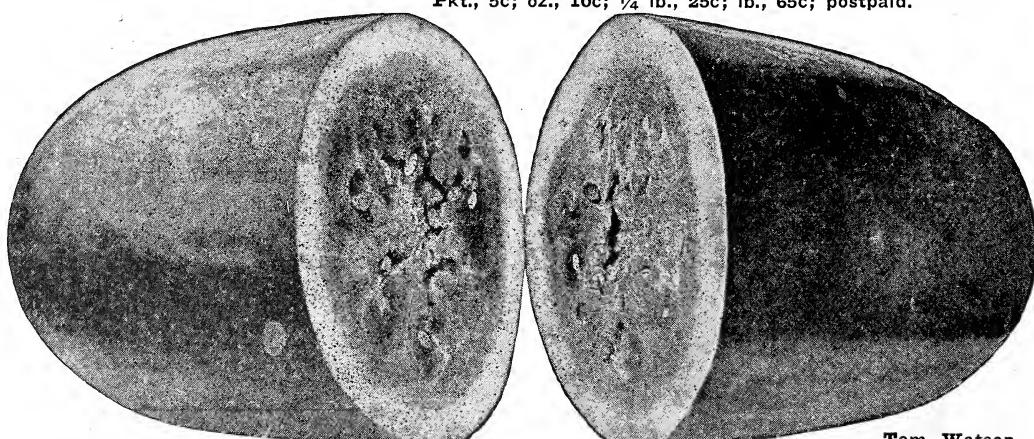
**PHINNEY'S EARLY**—Very early, quality good; hardy. Bears abundantly, medium sized, oblong with thin, smooth rind; flesh pink and tender. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 65c; postpaid.

**SWEETHEART**—ds.—Vine vigorous and productive, ripening its fruit early; fruit large, oval, very heavy, uniformly mottled, green and light green. Rind thin, but firm, flesh bright red, firm and solid but very melting and sweet. The melons retain their good quality for a long time. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 65c; postpaid.

**TOM WATSON (The Most Popular of All Melons)**—ds.—Is a long, green variety covered with a fine netting, giving it a most attractive appearance. The flesh is of most superb quality and intensely red color. The rind is thin, but hard and tough, and is unequalled as a market and shipping sort. The melons are of large size and heavy, about 24 inches long and 10 to 12 inches through. A good yielder and great money maker in all markets. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 70c; postpaid.

**KENTUCKY WONDER**—Distinct, and the melon itself proves it. In shape it is oblong, attaining a good size; skin dark green and beautifully marked. Extra fine flavor. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 65c; postpaid.

Send  
Your  
Orders  
Early



Tom Watson

Market Gardeners Prices, See Pages 26 and 27



## ONIONS

One ounce to 300 feet of drill; 4 to 5 pounds to the acre. Ready for green onions in 60 days. Main crop matures in 130 to 190 days from sowing.

**T**HE onion is most successfully grown in a rich, sandy loam. Continued cultivation upon the same plot of ground, contrary to the general rule, rather improves the crop than otherwise. As early as the ground can be worked in the spring, sow the seeds in drills 14 inches apart, covering half an inch. When plants can just be seen in the rows, commence hoeing, skimming the surface. Subsequently weed thoroughly and carefully by hand. When tops die, pull onions and spread evenly over the ground; stir or turn until thoroughly dried, then cut the tops off  $\frac{1}{2}$  inch from the bulb.

**AUSTRALIAN BROWN**—Distinct from all others; is nearly round, wonderfully hard and solid; ripens extremely early; never makes scullions; of medium size, skin a deep amber brown, flesh mild and agreeable. Price: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; oz., 15c;  $\frac{1}{4}$  lb., 45c; postpaid.

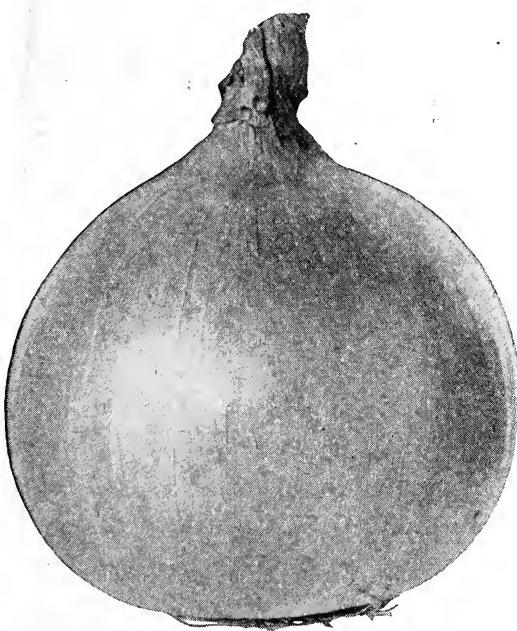
**EXTRA EARLY RED FLAT**—Matures very early, yields abundantly, and is of mild flavor; medium size; deep red and solid. Price: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; postpaid.

**GLOBE WETHERSFIELD, RED**—Remarkable for size, earliness, productiveness, beauty of color, perfection of shape, long keeping qualities. Possesses all the excellent qualities of Red Wethersfield and Yellow Globe Danvers. Price: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; postpaid.

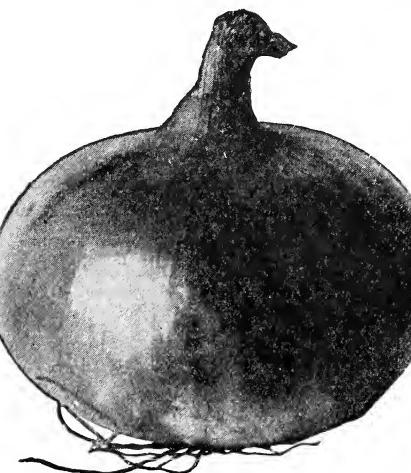
**LARGE RED WETHERSFIELD**—This is the standard and favorite variety. Large size, deep purplish red, flesh purplish white, stronger flavored than extra large varieties. Very productive and an excellent keeper. Price: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; postpaid.

**YELLOW GLOBE DANVERS**—A fine productive variety of medium size, skin coppery yellow, flesh white, comparatively mild and well flavored. Best of keepers. Price: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; postpaid.

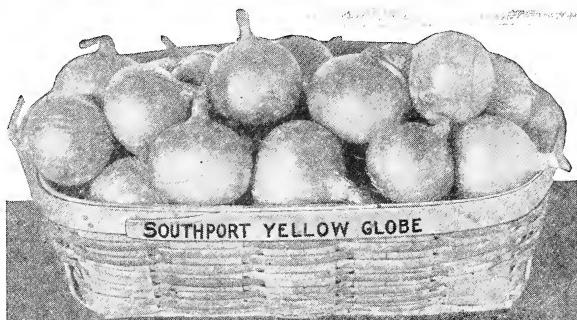
**MAMMOTH SILVER KING**—Average 15 to 22 inches in circumference and weigh  $2\frac{1}{2}$  pounds each. Matures early and is uniformly large and of



Danvers Yellow Globe



Large Red Wethersfield



SOUTHPORT YELLOW GLOBE

Southport Yellow Globe

good shape, is flat but thick. Skin is clear silver white, flesh snowy white. Price: Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; postpaid.

**MAMMOTH PRIZE TAKER**—One of the largest, handsomest, finest flavored, and in every way a choice variety of yellow onion, having been grown to enormous weight of over 6 lbs. Of clear, bright straw color, and uniform, perfect globe shape. Price: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; postpaid.

**RED BERMUDA**—Bulbs of this variety are similar in form and early ripening to the white Bermuda, but grow larger in size, ranging from three to four inches larger in diameter; very flat and of a light pink color. The flesh is white, slightly suffused with pink. Price: Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; postpaid.

### SOUTHPORT LARGE RED GLOBE

The handsomest and most richly colored of all red onions. Are remarkably uniform in size. The extra dark rich coloring makes a most attractive appearance when prepared for market. The plants are thin-necked, ripening down to a hard solid ball—insuring the largest per cent of market onions and the best keeping qualities. Flesh fine

grained, mild, tender. Price: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; postpaid.

**SOUTHPORT WHITE GLOBE**—Of all our American varieties of market onions, this generally commands the highest price. Of true globe form, the onions are two or two and a half inches in diameter, with a thin, delicate skin of purest paper whiteness. The flesh is crisp, fine grained, snowy white in color and very mild flavor. Price: Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; postpaid.

**SOUTHPORT YELLOW GLOBE**—Conspicuous, large, golden yellow spheres, of exceptional beauty; a late, large, main crop variety best keeping quality. The buyer of a packet and the planter for carload shipments are equally enthusiastic over this gem among onions. Price: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; postpaid.

**WHITE QUEEN**—This is the best of all for small pickles and the earliest ripening onion in cultivation. The bulbs of a pure paper-white are generally very small. Price: Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 70c; postpaid.

**WHITE BERMUDA**—The bulbs are quite broad and flat in form. The color is not a clear white, as in our American varieties, but rather a pale straw; flesh crisp, solid and mild in flavor and early ripening. Price: Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; postpaid.

**WHITE PORTUGAL or SILVER SKIN**—Standard white variety for general culture. Bulbs grow to good size, ripening early and quite evenly. A good keeper; handsome appearance. Price: Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; postpaid.

### ONION SETS

Prices Postpaid

Red Bottoms .....	.15c pt.	.25c qt.
Yellow Bottoms .....	.15c pt.	.25c qt.
White Bottoms .....	.15c pt.	.30c qt.

See Page 27 For Prices on Onion Sets in Larger Quantities.

HOW TO GET 25c WORTH OF SEED  
FOR NOTHING—SEE PAGE 25



**Everbearing**  
pods. The pods average five inches in length, light-green peas. Price: Pkt., 5c; lb., 35c; postpaid.

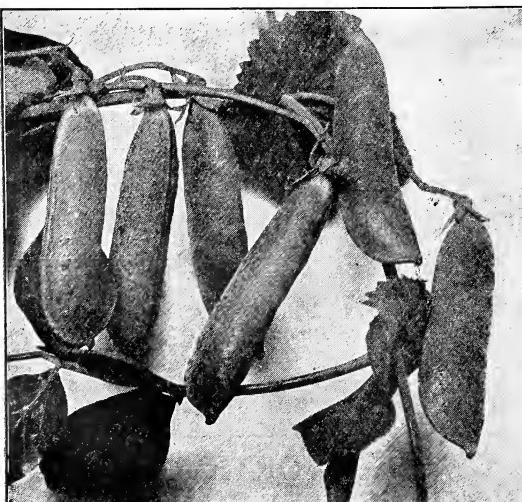
\***EARLY DWARF**—This is one of the newest early dwarf peas. Similar to Nott's Excelsior except has a dark pod; very sweet and productive. Height 1½ feet. Price: Pkt., 5c; lb., 40c; postpaid.

**FIRST AND BEST**—Height, 2½ to 3 feet. Standard, white seeded, extra early. Vines are vigorous and hardy, bearing from 3 to 7 pods, containing from 5 to 7 peas of good quality. Price: Pkt., 5c; lb., 35c; postpaid.

\***LAXTONIAN**—A dwarf pea with large, handsome pods. Vines medium dark green and medium heavy foliage. Pods 3½ to 4 inches long, slightly curved. Bears more abundantly at top of vines, making it an easy pea to pick; heavy yielder. Height of straw, 14 inches. Price: Pkt., 5c; lb., 35c; postpaid.

\***LINCOLN**—Without doubt the best pea in existence, an early variety growing from 1 to 1½ feet in height; the pods are of good size, dark green in color and always well filled. We have tested it against the best varieties of Dwarf Peas, and it has proven the most productive of all, the pods being heavy and producing a greater weight of shelled peas to the peck. A local market gardener planted 2½ pecks of the Lincoln Pea seed and produced 59 bushels of peas, being the earliest on the market, they brought the highest price; it's a big money maker.

The Lincoln Pea with its abundance of heavy, well-filled pods of such excellent quality, have made it a leading market growers variety. Anyone planting peas should by all means plant The Lincoln Pea. Price: Pkt., 10c; lb., 50c; postpaid.



McLean's Little Gem

## GARDEN PEAS

Two pounds to 100 feet of drill; 150 pounds per acre.

**CULTURE**—You will have the best results with early peas on light, warm soil, but the main crop will do better on a fairly heavy soil that will retain moisture. Avoid too much nitrogen fertilizer such as fresh manure, as that causes heavy vine growth at expense of pods. A plot prepared the fall before is best. Sow early kinds, as soon as possible in rows 2 to 3 inches deep and 2½ to 3½ feet apart, and for succession every two weeks until June 15th. The very earliest varieties, planted in August, will often give a good fall crop.

The taller varieties will do better if supported by bush or wire. Some plant in double rows (6 inches apart) and support the two together. The smooth sorts are hardest, but wrinkled varieties are of better quality. Planting distances and depth depend on variety and type of soil. Those marked \* are wrinkled and sweet.

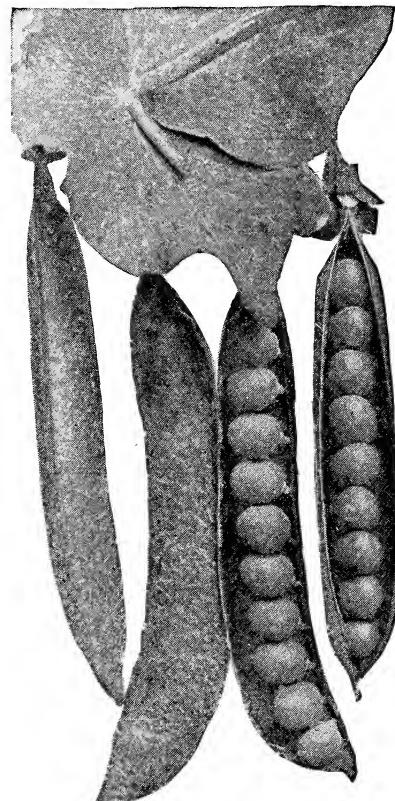
### EXTRA EARLY VARIETIES

**ALASKA**—Two feet. The earliest blue pea of good flavor, dark green pods, well filled and ripe uniformly. One of the very best for market gardeners. Price: Pkt., 5c; lb., 35c; postpaid.

\***AMERICAN WONDER**—One foot. Of the finest quality. Very prolific, with pods of fine size and form, requires no brush or support. It may be planted a week apart for succession. Price: Pkt., 5c; lb., 35c; postpaid.

\***DUCHESS OF YORK**—A very fine, large sweet pea, maturing very closely with Alaska, but more productive. Pods large, dark green, pointed and well filled. Height, 3 feet. Price: Pkt., 5c; lb., 35c; postpaid.

\***CARTER'S DAISY or DWARF TELEPHONE**—The vines though growing only about eighteen inches in height, are very stout, and generally bear a good crop of large, well-filled pods containing seven to nine large, containing seven to nine large,



Telephone Peas

\***LITTLE MARVEL**—An extremely valuable variety, especially suited to small gardens, and is also a splendid variety for early market gardening. The vines grow about 15 to 18 inches in height. Pods are dark green, fair sized, produced in pairs closely filled with 7 to 8 peas of extra fine flavor. Price: Pkt., 5c; lb., 40c; postpaid.

\***MCLEAN'S LITTLE GEM**—One foot. An early dwarf, green wrinkled pea, of superior flavor and very prolific. Price: Pkt., 5c; lb., 35c; postpaid.

**MAMMOTH PODDED EXTRA EARLY**—Matures early and very productive; pods large and well filled; seed large, smooth, white. Bound to take first place as a leading market gardener's first early pea. Height, 3 feet. Price: Pkt., 5c; lb., 40c; postpaid.

\***NOTT'S EXCELSIOR**—One foot. Earliest wrinkled pea; of close, compact, dwarf growth. The pods average 3 inches in length and are well filled to the squared ends with large peas, unusually sweet. It not only yields heavily in pods, but also in shelled peas. Price: Pkt., 5c; lb., 35c; postpaid.



## SECOND EARLY

**\*EVERBEARING**—Two feet. Peas are very large, of excellent quality. For continuance and profusion of bearing this variety is unexcelled. Price: Pkt., 5c; lb., 35c; postpaid.

**TOM THUMB**—This is the most dwarf pea. The vines grow about 12 inches high and are well filled with pods which are 2½ inches long and filled with 5 or 6 medium-sized peas. Price: Pkt., 5c; lb., 35c; postpaid.

## LATE OR MAIN CROP VARIETIES

**\*CHAMPION OF ENGLAND**—Four feet. Vines are very robust. Bears many pods, straight and well filled with tender peas. A profuse bearer, most reliable late sort. Price: Pkt., 5c; lb., 35c; postpaid.

**MELTING SUGAR**—This is the best of the edible peas. The pods grow about 5 to 6 inches long, are stringless and very tender, and may be used the same as a snap bean; 3 to 4 feet. Price: Pkt., 5c; lb., 40c; postpaid.

**\*TELEPHONE**—Four feet. Immensely productive. Pods are very large, peas of excellent quality. Has become one of the most prominent late peas to be grown for market. Price: Pkt., 5c; lb., 35c; postpaid.

**WHITE MARROWFAT**—Four feet. vines are very robust. Bears many pods, always well filled. Price: Pkt., 5c; lb., 25c; postpaid.

## PARSLEY

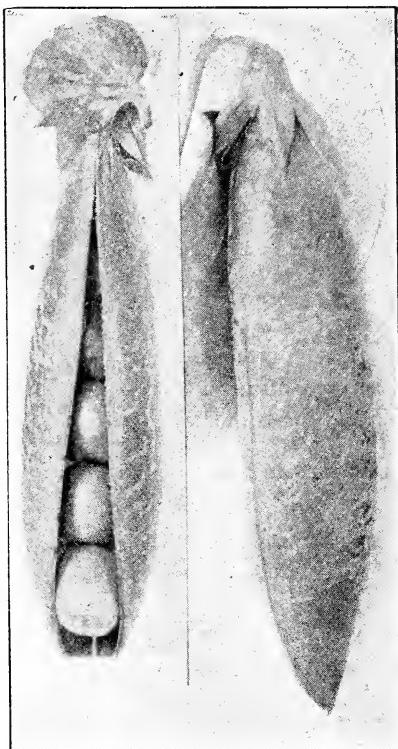
One ounce to 150 feet of drill.

Soak the seeds a few hours in lukewarm water and sow early in the spring in drills one foot apart. Thin out to four inches. A few seeds sown in onion rows use no space. To preserve in winter transplant to a light cellar or glass frames.

Parsley is esteemed for flavoring and for the beautiful appearance of the fresh green leaves as a garnish.

**CHAMPION MOSS CURLED**—The plant resembles a tuft of finely curled moss, leaves extra large, and a rich deep green. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; postpaid.

**TURNIP-ROOTED or HAMBURG**—The root is the edible portion of this variety, and resembles a small parsnip, both in color and shape. Flesh white, a little dry, having a flavor similar to Celeraic. Very hardy and should be cultivated like parsnip. Extensively grown and used for flavoring soups, etc. Foliage same as plain parsley. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; postpaid.



The Lincoln Pea

## OKRA or GUMBO

One ounce to 40 feet of drill. Ready for table in from 90 to 105 days.

The pods when young are used in soups, stews, etc. The plants are of the easiest culture. Sow at the usual time for all tender vegetables in drills two inches deep, setting the plants two feet apart.

**IMPROVED DWARF**—An early variety, pods comparatively short but very numerous. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; postpaid.

**WHITE VELVET**—Pods round, smooth, large and attractive; produced in great abundance. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; postpaid.

## BOOKS WORTH WHILE

**POULTRY MANUAL**, by Sewell—Breeds of fowls including turkeys, ducks and geese; practical methods of raising poultry and eggs for market and home use. Price: 50c; postpaid.

**COUNTRY KITCHEN COOK BOOK**—A book that should be in every farm home. Nine hundred tried and tested recipes of good, wholesome dishes and many suggestions of great value to the farm kitchen. Price: 50c; postpaid.

**AMATEUR FRUIT GROWING**—Covers the entire subject of growth, cultivation and marketing of small fruits such as Strawberries, Raspberries, Blackberries, Currants, Gooseberries, Grapes, Cranberries, Juneberries, Sand Cherry, Buffaloberry and Mulberry in addition to the cultivation and pruning of the larger fruits such as the Apple, Plum and Cherry. Price: 50c; postpaid.

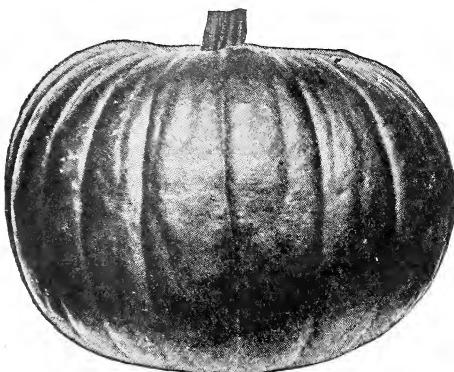
**VEGETABLE GARDENING**—Each garden crop is discussed fully from seed to marketing. There are also valuable treatments of Gardening in general, the Home Garden, Fertilizers, Tillage, Seeds, Transplanting, Development of Varieties, Glass Structures, Insects and Insecticides, Marketing, Exhibiting, etc. Price: 75c; postpaid.

**500 SWINE QUESTIONS ANSWERED**—The information and answers are wholly dependable and come from the practical experience of the largest Swine Breeders and Feeders in the West and the most authoritative veterinarians. Price: 50c; postpaid.

All of these books are interesting, prepared by recognized authorities and will be found very profitable.



Moss Curled Parsley



Small Sugar Pumpkin

**LARGE CHEESE**—This is a very popular pumpkin for pies and is quite commonly known as "Sweet Pumpkin." In size they average about as large as the Connecticut Field, but are flat shaped, with creamy buff skin and thick golden flesh; tender, large, hardy and productive. Excellent for table use. Good keeper. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**SMALL SUGAR**—Fruits of small size, averaging about ten inches in diameter, of excellent keeping qualities, flattened, slightly ribbed. Skin deep orange-yellow; flesh sweet. Very early. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**SWEET POTATO**—Pear-shaped, good size, skin creamy white. The seed is all in the cavity of the large end, the thick neck being solid; exceptionally fine quality. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

## PUMPKINS

One ounce to 50 hills; 3 to 4 pounds per acre. From 100 to 120 days from sowing to maturity.

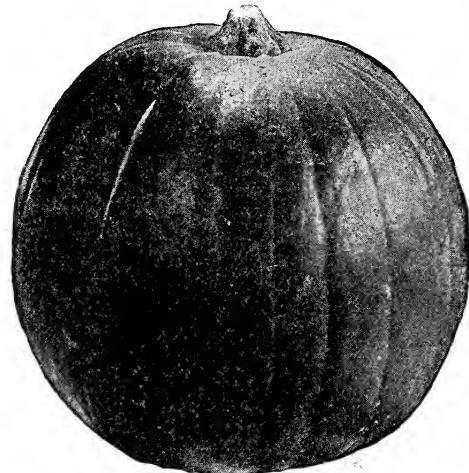
**PUMPKINS** are planted frequently in connection with a crop of corn, or as a second crop after early peas, etc. The following varieties are all thin and tender skinned, distinct from the hard or thick shelled squashes.

**CONNECTICUT FIELD**—An immensely productive, large, orange-colored, field pumpkin, usually grown for stock feeding, but it also makes good pies. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**CUSHAW** or **CROOKNECK**—(Sometimes called a squash). Productive; color light cream, sometimes lightly striped; flesh salmon colored; mealy and sweet. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

**JAPANESE PIE**—Early and productive, of medium size, large at one end, terminating in a crooked neck. Skin deep green with darker stripes; flesh is a rich salmon color; excellent quality; a good keeper. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

**KING OF THE MAMMOTH** (Jumbo or Potiron)—Weighs from 40 to 150 pounds. Round, flattened at both ends, skin and flesh bright yellow. It makes a good table pumpkin. Good keeper. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.



## SWEET POTATOES

One bushel of potatoes should produce 2,000 sprouts, 6,000 to 7,000 plants to acre.

To grow your own plants it is necessary to plant the potatoes, grow the sprouts and transplant just as you would tomatoes. The potatoes should be planted in hot-beds by the 10th of April, the sprouts are best transplanted in ridges from the 15th of May to as late as July 1st. The potatoes must be planted immediately on their arrival as they decay rapidly at that time of the year.

**YELLOW JERSEY**, **YELLOW NANSEMOND**, **SOUTHERN QUEEN** (White Yam), **RED JERSEY** (Red Yam), **RED BERMUDA** (Red Yam).

These are the most desirable varieties. Ready about April 1st. Write for prices.

**SWEET POTATO PLANTS**—Ready about May 1st. For prices, see page 24.

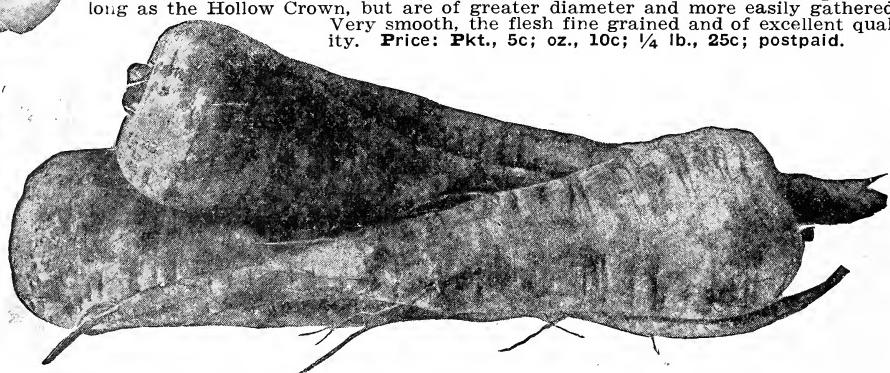
## PARSNIPS

One ounce to 100 feet of drill; 5 to 6 pounds per acre. Matures in 125 to 140 days from seed.

Sow in April or early May. Cultivate the same as carrots. They may be dug in the autumn and stored for winter use, but if left in the ground till spring are very much improved in flavor.

**HOLLOW CROWN**—Standard variety, roots long, very smooth; white, sugary, tender and of excellent flavor. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**IMPROVED GUERNSEY** (**Improved Half Long**)—The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. Very smooth, the flesh fine grained and of excellent quality. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.



## PEANUTS

Culture very simple, plant 6 to 8 quarts of shelled nuts to the acre. Plant in light, sandy soil in April, two or three in a hill on level ground; in rows 3 1/2 feet apart and 2 feet apart in the row, cover about 2 inches. Price: Pkt., 5c; lb., 40c; postpaid.



## PEPPERS

One ounce to 2,000 plants. Requires from 125 to 160 days from sowing to maturity.

**THE** small peppers are the hottest, the large varieties being quite mild in flavor. Sow in hotbed early in April and transplant to the open ground when weather is favorable. May also be sown in the open ground when danger of frost is past and soil is warm.

**CHINESE GIANT**—This desirable variety of recent introduction, is undoubtedly the largest sweet pepper ever offered. The flesh is quite thick, very mild and remarkably sweet. Price: Pkt., 5c; oz., 45c;  $\frac{1}{4}$  lb., \$1.50; postpaid.

**LARGE BELL** or **BULL NOSE**—Large and early square shouldered, flesh thick, and less pungent than most other sorts; much used for mangoes. Price: Pkt., 5c; oz., 45c;  $\frac{1}{4}$  lb., \$1.50; postpaid.

**LONG RED CAYENNE**—If you want a genuine hot pepper, the kind to use is the long red Cayenne. This is the real red-hot kind. Grows 3 to 4 inches long. Price: Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 90c; postpaid.

**NEAPOLITAN**—Large, early, decidedly the earliest of all large mild red peppers, and the most productive of all large peppers. From seed started February 15th and plants set out May 20th, the first peppers were picked for market on June 24th. The fruits measure four inches long and four and a half inches in circumference. The strong vigorous plants grow two feet high by eighteen inches across; they are completely laden with large handsome fruits and bear continuously until frost. Single plants carry from thirty-five to fifty marketable fruits at one time. The peppers grow upright until they become so heavy that their own weight turns them down. The skin and flesh are bright-red, sweet, and "mild as an apple"; they carry well and keep in prime condition a long time. Price: Pkt., 5c; oz., 45c;  $\frac{1}{4}$  lb., \$1.50; postpaid.

**PIMENTO**—This is a new and distinct pepper. Perfectly sweet, having no trace of pungency. Plants are loaded with fine, perfectly smooth fruits, medium size and thick meated. Price: Pkt., 5c; oz., 45c;  $\frac{1}{4}$  lb., \$1.50; postpaid.

**RED CHILI**—Fruit is small, bright red, very hot and pungent. Plants are very productive. Generally used for making pepper sauce. Price: Pkt., 5c; oz., 35c;  $\frac{1}{4}$  lb., \$1.15; postpaid.

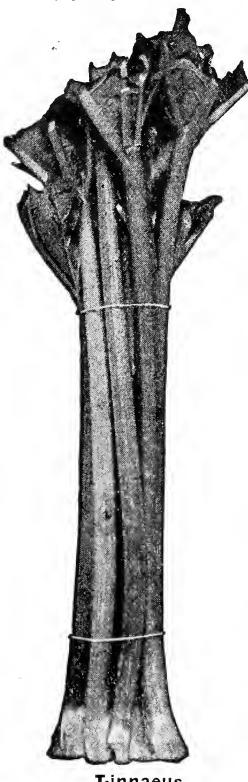
**RUBY KING**—The most popular large red pepper. Plants grow 2 feet high and bear a fine crop of handsome, extra large, scarlet fruits. Flesh is thick, sweet and mild. Fine for mangoes. Price: Pkt., 5c; oz., 45c;  $\frac{1}{4}$  lb., \$1.50; postpaid.

**SWEET MOUNTAIN**—Similar to Bull Nose, though usually larger in size and longer; of very mild flavor. Much used for mangoes. Price: Pkt., 5c; oz., 45c;  $\frac{1}{4}$  lb., \$1.50; postpaid.

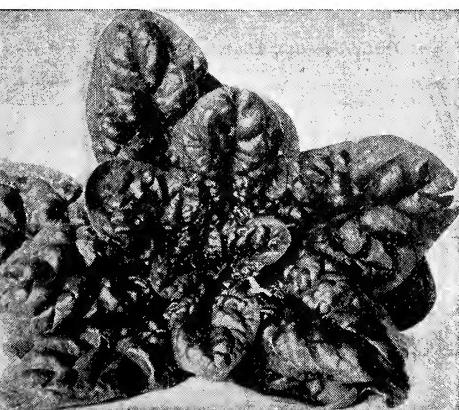
### GOOD FOR OVER TEN YEARS

Edgar, Nebr., Feb. 27, 1923.

Gentlemen: I have used your seed for over 10 years and always a good garden. Have tried other companies but never have as good luck. MRS. LILLIE MELVIN.



Linnaeus



Long Standing Spinach



Chinese Giant Pepper

## RHUBARB

One ounce to 500 plants.

Rhubarb is an excellent spring food, possessing medicinal properties. It is the first vegetable of the season from the garden, and no planter should be without it.

**VICTORIA**—Stalks very tall and large; skin thick and red stained; pulp quite acid; very productive. Price: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; postpaid.

**LINNAEUS**—A large, tender sort, sometimes called wine plant. Price: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; postpaid.

**RHUBARB ROOTS**—Set in spring and they will be ready for use the following season. Price: 10c each, 75c per dozen; postpaid. By express, 50c per dozen.

## SPINACH

One ounce to 100 feet of drill; 12 lbs., to the acre.

Cultivated very extensively for "greens." A profitable crop for market. Select a rich, well-drained soil, highly manured. For a succession, sow early in April and again in May in drills, 1 foot apart and 1 inch deep, properly thinning out when the plants are an inch in the leaf. For early spring use, sow early in autumn and protect the plants with a light covering of leaves.

**BLOOMSDALE (Savoy)**—The earliest of all and one of the best; the leaves are numerous curled and wrinkled. Price: Pkt., 5c;  $\frac{1}{4}$  lb., 15c; lb., 45c; postpaid.

**LONG STANDING (Thick Leaved)**—A fine market sort. Leaves large and thick, somewhat crumpled. Does not run to seed early. Price: Pkt., 5c;  $\frac{1}{4}$  lb., 15c; lb., 45c; postpaid.

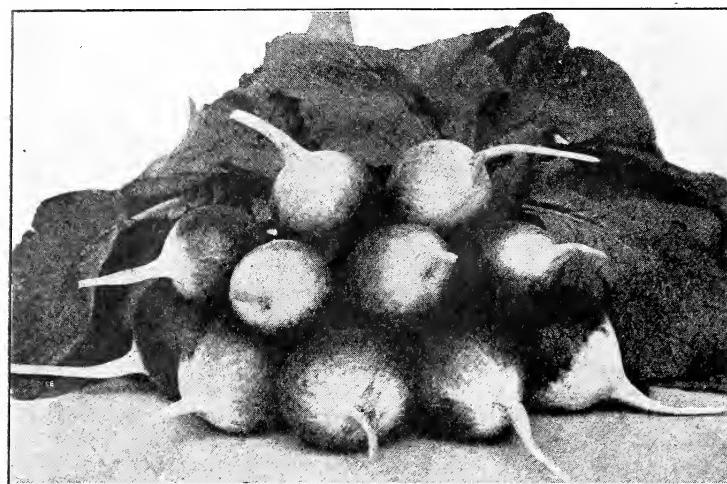
**NEW ZEALAND**—It thrives during hot weather and in any soil, rich or poor. The tender, golden leaves are comparatively small, broad and pointed. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c; postpaid.

## SALSIFY or Vegetable Oyster

One ounce to 75 feet of drill.

Resembles a small parsnip, and when thinly sliced and cooked is a good substitute for oysters, having a very similar flavor. It succeeds best in light, rich soil. Sow early and quite deep. The leaves when they first appear look like grass, making it important to plant in rows.

**MAMMOTH SANDWICH ISLAND**—Grows uniformly to an extra large size. The root is pure white and of superb quality. Invaluable to market gardeners. Price: Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; postpaid.



Early Scarlet Turnip White Tip

time of sowing. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**EARLY SCARLET TURNIP, WHITE TIP**—A most popular and attractive variety, a great favorite in many large markets. The radish is bright scarlet, with white tip and of beautiful shape, flesh white, crisp and finely flavored. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**EARLY SCARLET GLOBE**—A very handsome radish, of rich, bright scarlet color, and oval shape, with very small tops; the flesh is delightfully crisp, juicy and tender. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**EARLY LONG SCARLET, SHORT TOP**—The long, slender, handsomely colored roots are most attractive, crisp, brittle and of the choicest quality. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**FRENCH BREAKFAST**—A great favorite. Beautiful, bright, scarlet, with pure white tip. Oblong in shape, medium size, makes rapid growth. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**\*GIANT CRIMSON GLOBE**—A new variety suitable for forcing or early planting out of doors. Will grow to 6 and 7 inches in circumference. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**\*NON PLUS ULTRA FORCING**—This variety has as small a top and is as early as any in cultivation, making it one of the best for forcing under glass. Roots ready to pull may be had in

three weeks and they remain fit for use longer than any other early variety. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

**NEW SPARKLER**—A distinct new 18-to 21-day radish; has a beautiful scarlet top; with tip of purest white. Is solid, crisp and sweet, remaining so for a long time. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

**ROSY GEM**—One of the earliest varieties in cultivation. It is of perfectly globular shape, of rich color, being deep scarlet on top, blending to pure white at the bottom. The radishes are exceedingly tender and crisp and delicious. Desirable for growing under glass as well as in the open ground. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**SAKURAJIMA**—A Japanese radish of immense size; some single specimens of this variety weigh 15 lbs. Oval with cream colored skin, white flesh. Cooked like turnips. Price: Pkt., 5c; oz., 15c; 1/4 lb., 45c; postpaid.

**\*SAXA RADISH**—At last we have found a good forcing radish, which is also very fine for outdoor culture. In repeated trials the Saxa has been found to reach a remarkable size three days earlier than any other forcing variety. The radish at maturity is about 3/4 the size of Early Crimson Globe. The roots are round or ball shaped; color deep fiery scarlet with no tinge of purple. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

**WHITE BOX**—Of handsome shape, very early and has but few leaves, and one-third more radishes can be grown in the same space than with most varieties. Of clear white color, solid, juicy, and unsurpassed in flavor. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; postpaid.

**WHITE ICICLE**—Finest of early, pure white varieties. Ready for pulling in about three weeks. Long and slender, clear pure white. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

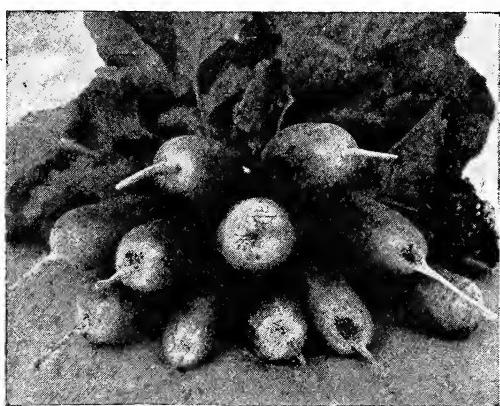
## RADISHES

One ounce to 100 feet of drill; ready in 18 to 45 days from seed, according to variety.

**RADISHES** must make a rapid growth to be crisp and tender. For early use sow in the hotbed, half an inch deep. For an early crop in the open ground, sow thinly in drills on rich, sandy soil as early in the spring as it is fit to work. For a succession sow every two weeks. Varieties marked (\*) good for forcing.

**CHARTIER**—One of the best varieties for growing out doors. The radishes are in good condition for the table very early and remain hard and crisp until they reach a diameter of about 1 1/4 inches, thus affording good roots for a long time. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**EARLY BIRD**—Decidedly the earliest of radishes. Quick growth is one of the main essentials for a crisp and tender radish, and with loose soil and proper culture the Early Bird is ready for the table in twenty days from the



French Breakfast

## WINTER SORTS

Sow in July. Pull before severe frost and store in damp cellar.

**CHINESE ROSE** (Scarlet China)—Large oval, bright rose-colored, good keeper. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

**CALIFORNIA MAMMOTH WHITE**—Very large, growing 12 inches long. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

**ROUND BLACK SPANISH**—Fine globe shape, 3 or 4 inches in diameter, skin black, flesh white. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

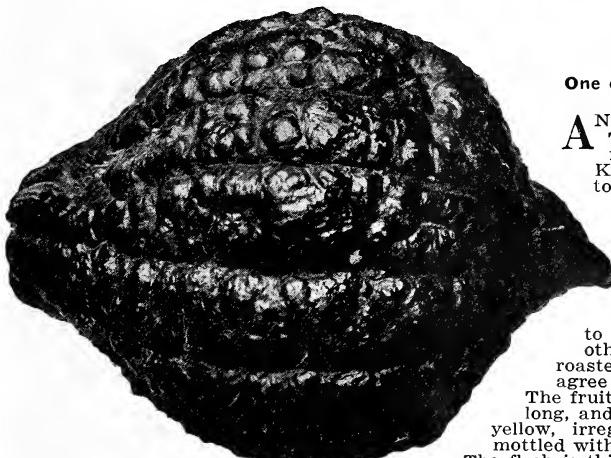
**LONG BLACK SPANISH**—Black skin; white flesh, long; will keep until spring. Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid.



Icicle

Market Gardeners Prices, See Pages 26 and 27

Big Saving on Radish Seed. See Radish Collection on Page 23.



**Chicago Warted Hubbard**

size make it perfect for this purpose and none better for pies. When boiled it is dry, granular and mealy. Price: Pkt., 5c; oz., 20c; 1/4 lb., 50c; postpaid.

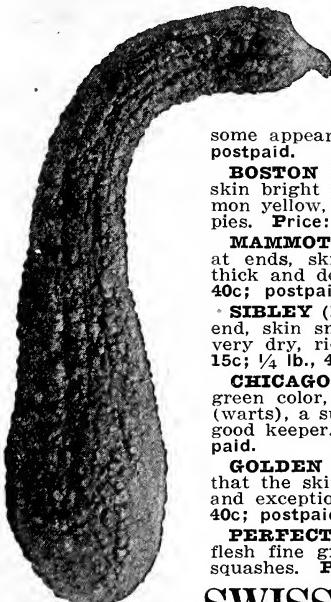
**FORDHOOK**—Small, oblong, shell yellow, flesh dry and sweet, and of good flavor. Very early; desirable for either summer or winter use. Price: Pkt., 5c; oz., 15c; 1/4 lb., 45c; postpaid.

**GOLDEN BUSH SCALLOP**—A very early flat, scalloped variety; skin deep yellow; flesh pale yellow and well flavored. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

**SUMMER CROOKNECK**—Very early and productive. Fruit about one foot long, with crooked neck and warty surface; color bright yellow. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

**WHITE BUSH SCALLOPED (Patty Pan)**—Very early; skin white; flesh tender and delicious; bears abundantly. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

## FALL AND WINTER SORTS



**Summer Crookneck**

From planting to maturity, 100 to 125 days.  
One ounce to 20 hills; 3 to 5 lbs. to the acre. Hills 8 feet apart each way. Gather before injured by the frost for winter use, care being taken not to break the stem from the squash, as the slightest injury will increase the liability to decay.

**ORANGE MARROW**—The earliest by 10 days of the winter squashes. It is creamy orange in color; fine form, hand-some appearance. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

**BOSTON MARROW (Autumnal)**—Large, oval form; skin bright orange, mottled with cream color; flesh salmon yellow, fine grained and good flavor, unexcelled for pies. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

**MAMMOTH CHILI**—Enormous size, round, flattened at ends, skin orange color and slightly ribbed. Flesh thick and deep yellow. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

**SIBLEY (Pike's Peak)**—Pear-shaped with stem on large end, skin smooth, pale green; flesh thick, orange color; very dry, rich and delicate flavor. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

**CHICAGO WARTED HUBBARD**—Large size, dark green color, distinguished by a dense covering of knots (warts), a sure indication of splendid quality, thick flesh; good keeper. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

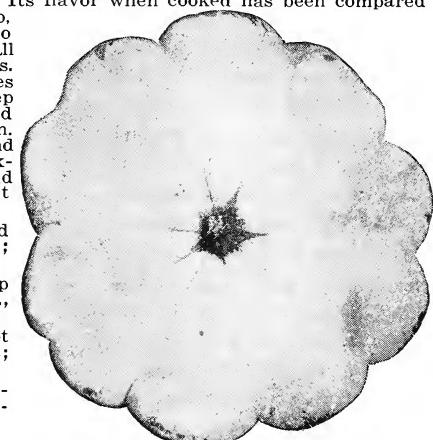
**GOLDEN HUBBARD**—Similar to the above, except that the skin is deep orange yellow. Flesh fine grained and exceptional flavor. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

**PERFECT GEM**—Nearly round; skin creamy white, flesh fine grained. Vine bears great numbers of small squashes. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

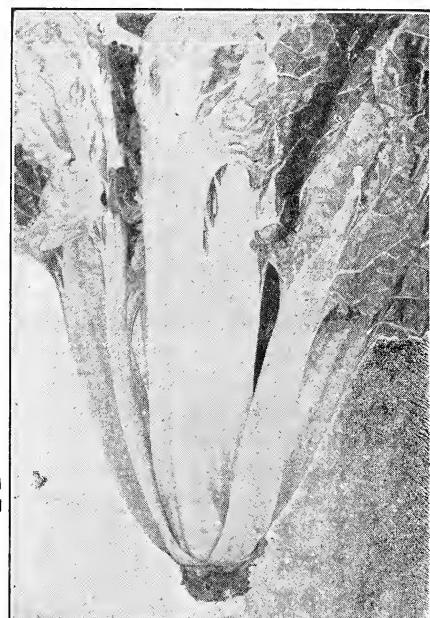
## SWISS CHARD or SEA KALE

Far superior to the common beet for greens, of almost the same flavor and equal to spinach. Sow early in spring in rows; thin seedlings out to 6 inches in the rows; it makes rapid growth of leaves and is fit for use for greens sooner than any other variety, and can be cut throughout the entire summer. Later the leaves grow very large with broad, flat, wax-like stems and mid ribs, which may be cooked, like asparagus, or made into pickles. Price: Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

Market Gardeners Prices, See Pages 26 and 27



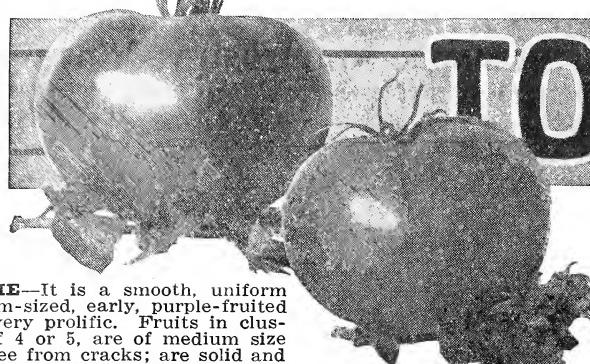
**White Bush Scallop**



**Swiss Chard**



# TOMATOES



**ACME**—It is a smooth, uniform medium-sized, early, purple-fruited sort, very prolific. Fruits in clusters of 4 or 5, are of medium size and free from cracks; are solid and stand long-distance shipping; quality fine. Price: Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 90c; postpaid.

**BALTIMORE BAER**—Tomato is a cross between two of our best tomatoes, John Baer and Greater Baltimore. Baltimore Baer Tomato is a beautiful brilliant red; it is of perfect shape and free from core. The fruit is firm, solid and heavy, crowded full of delicious meat, the flavor is distinct, mild, refreshing and delicious, entirely free from any stinging or biting acidity. It ripens perfectly right up to the stem and is smooth at both ends, is free from wilt and blight. Baltimore Baer Tomato ripens a little later than John Baer Tomato, but earlier than Greater Baltimore; is a marvelous yielder, producing heavy crops of the fine fruit when other varieties are complete failures. Price: Pkt., 10c;  $\frac{1}{2}$  oz., 75c; oz., \$1.25;  $\frac{1}{4}$  lb., \$4.00; postpaid.

**CHALK'S EARLY JEWEL**—The largest, smoothest and finest flavored second early scarlet tomato in cultivation. The plants are of compact growth with dark green leaves and fairly loaded with fruit throughout the entire season. The large, handsome, bright scarlet fruits are very solid and deep through, being almost round, and ripen right up to the stem without any cracks or green core and have comparatively few seeds. The flesh is thick and sweet; skin thin, but strong, making it a good shipper. Price: Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 90c; postpaid.

**CRIMSON CUSHION (Beefsteak Tomato)**—Large size, nearly round and of very good quality. The color is bright scarlet and flesh very thick and meaty. Specimens of this tomato have weighed as heavy as one pound. Price: Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 90c; postpaid.

**DWARF PONDEROSA**—An improvement over the old Giant Ponderosa. As its name implies, it is not quite so large, but otherwise the fruit is very similar. The vines grow in bush or tree form, similar to the Dwarf Champion. It has proven a great success wherever grown. Price: Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.35; postpaid.

**DWARF STONE (Livingston's)**—Very early and productive; in size, color and quality of fruit equals the Stone; in habit of vine resembles Dwarf Champion, but is stronger and more erect, admitting very close planting. Price: Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 90c; postpaid.



John Baer



New Stone

Matures in from 90 to 150 days from planting, 1 ounce to 2,000 plants,  $\frac{1}{4}$  lb. (transplanted) per acre.

**FOR** early plants, sow seed in boxes or hotbeds in March. When the plants are about two inches high, transplant to four inches each way. Set outdoors as soon as danger of frost is over. Transplant carefully four feet apart each way, and cultivate well as long as the vines will permit. To obtain early fruit, pinch off the ends of the branches when the first fruit is set.

**EARLY DWARF CHAMPION**—A great favorite, especially in the northern states, on account of its dwarf habit and upright growth. The fruit is of medium size, of purplish pink color, very smooth and symmetrical, very solid and of fine quality. The stems are short, thick, stiff and almost self-supporting. Price: Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; postpaid.

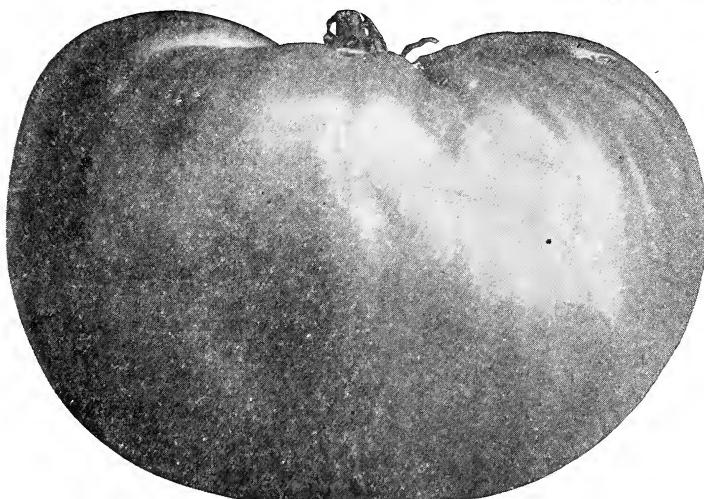
**EARLIANA**—It is a full week ahead of all others. Plants of strong growth and very productive. Fruits large, deep red and of superior quality. Smooth and free from cracks. Price: Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 80c; postpaid.

**FAVORITE (Livingston's)**—Large, smooth, blood-red sort; early; ripens all over and through at once. Will bear shipping long distances. Very few seeds and no hard, green core. Price: Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; postpaid.

**GOLDEN PONDEROSA**—It equals its parent, Ponderosa, in every respect, possessing all the qualities that have made our Ponderosa a household word throughout the land, and in addition, has a rich golden yellow color which compels instant attention. Price: Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.15; postpaid.

**MARVEL (Wilt Resistant)**—There are only a very few varieties of tomatoes that have been developed to resist the wilt, and tomatoes of this kind are sure to replace the non-wilt-resistant varieties. The Marvel is an excellent variety for forcing for medium early trucking and for home gardening. It is a medium early sort, bearing a heavy crop of smooth, red fruit. Price: Pkt., 10c; oz., \$1.25;  $\frac{1}{4}$  lb., \$4.00; postpaid.

**NEW GLOBE**—Perfectly globe shaped, very early, large, smooth, has few seeds, firm fleshed, ripens evenly; rose-colored tinged with purple, very productive; an excellent keeper, flavor superb. Price: Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 90c; postpaid.



Ponderosa

**MATCHLESS**—Well worthy of its name, for in beauty, color and symmetry of form it is indeed without a peer. Vines of strong, vigorous growth, well set with fruit, very rich cardinal red color, and not liable to crack from wet weather; of large size, and the size of fruit is maintained throughout the season. Solid, of fine quality, keeps well. Price: Pkt., 5c; oz., 30c; 1/4 lb., 90c; postpaid.

**JOHN BAER**—The best tomato on earth. It is the offspring of two marvelous tomatoes, the result of 15 generations of improvement and selection. It produces the most perfect, high crown red tomatoes in 30 days, also an enormous crop under ordinary conditions; 50 to 100 fruits to each plant; ripens evenly right up to the stem, no cripples, no scalds, no blight, no cracked, wrinkled, one-sided, uneven, scarred fruit. When dead ripe John Baer tomato will not burst. It has a wonderful glistening, bright red color, and a mild, delicious, sweet flavor, is almost seedless, a marvelous stem setter, often 10 fruits in first cluster, solid and meaty. John Baer Tomato is the earliest, finest shaped fruit and has the best color and shipping qualities of any tomato on earth. Price: Pkt., 10c; oz., 30c; 1/4 lb., \$1.10; p. p.

**CORELESS**—A new, large main-crop variety. In shape it is almost round, having about the same diameter each way. It has no green core, and is of a bright red color, making it valuable either for slicing or canning. Price: Pkt., 5c; oz., 25c; 1/4 lb., 80c; p. p.

**NEW COLOSSAL**—An immense, very handsome variety, ripening medium early. This will undoubtedly supersede the popular Stone Tomato as the leading market variety. It is bright red, of truly mammoth size, often weighing two pounds and more, and round and smooth. The flesh is firm, solid and of finest quality and flavor, with very small core, making it one of the best for slicing. As it is almost free from acid it is most desirable for canning. Price: Pkt., 5c; oz., 40c; 1/4 lb., \$1.35; postpaid.

**NORTON (Wilt Resistant)**—It has the same characteristics as the Marvel, being wilt resistant. This variety was selected from the Stone, producing a heavy yield of large, smooth, solid, red fruit which ripens medium early; fine market sort. Price: Pkt., 10c; oz., \$1.00; 1/4 lb., \$3.00; postpaid.

**PONDEROSA**—This is the largest fruited tomato, and is of fine quality for slicing. Vines are of strong growth; fruits oblong in form, deep through and generally ridged or ribbed; deep purple in color. They are solidly fleshed with small seed cells; of fine flavor. Planted in good soil, fruits frequently attain weight of 1 pound or more. Price: Pkt., 5c; oz., 35c; 1/4 lb., \$1.10; postpaid.

**QUARTER CENTURY**—Very early. Like the Dwarf Champion, only bright red. Price: Pkt., 5c; oz., 30c; 1/4 lb., 90c; postpaid.

**STONE**—This variety is very large and of bright scarlet color; very smooth, ripening evenly to the stem without a crack, exceedingly solid; is an excellent shipper; quality the very best; fine for canning; a good keeper; without hard core; not subject to rot; its vines and foliage rank and robust. Price: Pkt., 5c; oz., 25c; 1/4 lb., 75c; postpaid.

**TROPHY**—(110 days)—One of the best. Fruit large, smooth, of very deep color and a good flavor. A well-known variety and largely planted. Price: Pkt., 5c; oz., 25c; 1/4 lb., 75c; postpaid.

## SMALL TOMATOES

Used for preserves, pickles, etc.

**YELLOW PEAR**—Bright yellow, fine flavor. Price: Pkt., 5c; oz., 35c.

**RED PEAR**—Fruit bright red. Price: Pkt., 5c; oz., 35c.

**YELLOW PLUM**—Clear deep yellow. Price: Pkt., 5c; oz., 35c.

**RED CHERRY**—Bright red, grows in clusters. Price: Pkt., 5c; oz., 35c.

**YELLOW CHERRY**—Deep yellow, a favorite for preserving. Price: Pkt., 5c; oz., 35c.

**RED PEACH**—Similar to Yellow Peach, but red in color. Price: Pkt., 5c; oz., 35c.

**YELLOW PEACH**—Skin covered with slight bloom as in a peach. Price: Pkt., 5c; oz., 35c.

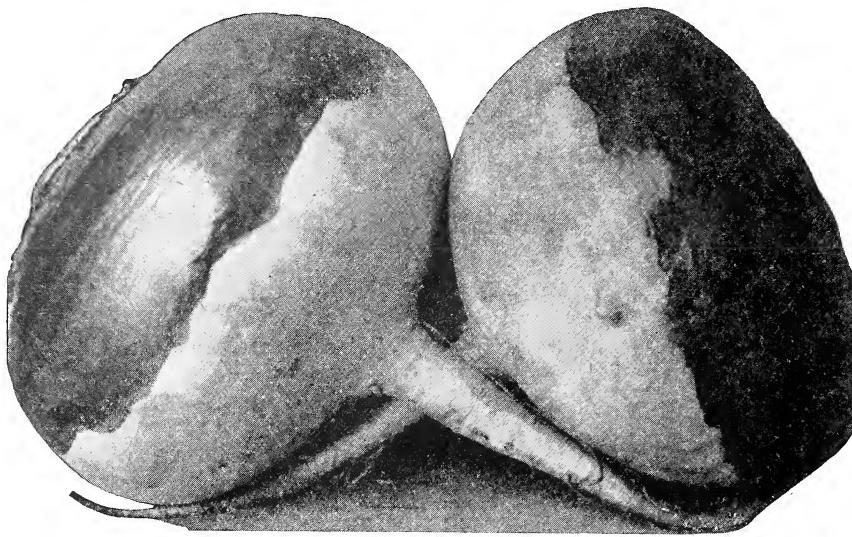
**HUSK (Ground Cherry)**—Golden yellow. Price: Pkt., 5c; oz., 35c.

## 7 Best Radishes COLLECTION No. 3 25 Cents Postpaid

This collection includes one packet each of the following best varieties: Early Bird, Early Scarlet Turnip White Tip, Icicle, French Breakfast, Early Long Scarlet, Crimson Globe and Chinese Rose Winter, all for 25c; postpaid.



Earlana



Purple Top Strap Leaf Flat

## RUTA BAGAS

Should be sown about a month earlier than turnip. This is one of the best and most valuable of root crops. They may be very easily grown and more cheaply than potatoes, and usually are worth as much per bushel on the market.

**AMERICAN PURPLE TOP**—Tops very small; bulbs large; skin purple above, yellow underneath; flesh golden yellow; fine texture, sweet and of richest flavor. Price: Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c; postpaid.

**SWEET GERMAN (Long White French)**—Bulb enormous. Flesh white, solid and rich. The best keeper of all the Ruta Bagas, and popular for both table and stock. Price: Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c; postpaid.

**SKIRVING'S PURPLE TOP YELLOW**—Quite productive; flesh yellow and sweet flavor, shape oblong. Price: Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c; postpaid.

## TOBACCO

1 ounce will sow about 25 square feet and produce plants for one acre.

**HAVANA**—Best for the manufacture of cigars. Price: Pkt., 5c; oz., 35c; 1/4 lb., \$1.00; postpaid.

**CONNECTICUT SEED LEAF**—An old well-known variety. Price: Pkt., 5c; oz., 35c; 1/4 lb., \$1.00; postpaid.

## GRISWOLD'S CHOICE VEGETABLE PLANTS

We grow these in large quantities and also contract with careful hotbed growers to guard against failures. Note—We can supply only the varieties listed below.

**CABBAGE**—Ready about April 25th. We can supply the following varieties: Copenhagen Market, Early Jersey Wakefield, Early Winningstadt, Early Flat Dutch, Sure Head, Late Flat Dutch, Large Late Drumhead.

**CAULIFLOWER**—Early Snowball.

**CELERI**—White Plume, Golden Self-Blanching.

	Ready about	Per doz.	Per 25	Per 100	Per doz.	Per 100	Per 1,000
Early Cabbage .....	Apr. 25	\$0.25	\$0.40	\$1.25	\$0.15	\$1.15	\$10.00
Late Cabbage .....	May 10	.20	.30	1.00	.15	.90	7.50
Early Tomato .....	Apr. 25	.25	.40	1.25	.15	1.15	10.00
Late Tomato .....	May 10	.20	.35	1.20	.15	1.00	9.00
Cauliflower, Snowball .....	May 10	.25	.40	1.50	.20	1.35	12.50
Egg Plant .....	May 10	.25	.40	1.50	.20	1.35	12.50
Early Celery .....	May 10	.20	.35	1.00	.15	.90	7.50
Late Celery .....	June 1	.20	.30	.75	.15	.80	7.50
Pepper .....	May 10	.25	.45	1.50	.20	1.35	12.50
Sweet Potatoes, Yellow Jersey .....	May 10	...	...	.70	...	.60	5.50
Sweet Potatoes, Red Jersey and So. Queen .....	May 10	...	...	.95	...	.85	7.00
Asparagus Roots .....		.25	.40	1.15	.15	1.00	8.50
Rhubarb Roots .....		10c each					

	Postpaid	By Express, Your Expense
		75c per dozen
		50c per dozen

PRICES OF VEGETABLE PLANTS SUBJECT TO CHANGE

## TURNIPS

Ready from 40 to 60 days from seed. 1 oz. to 150 ft. drill, 2 lbs. to acre.

**THE Turnip** is most easily affected in form and flavor by soil, climate and mode of culture. Sow in drills about 16 inches apart and half an inch deep, or sow broadcast, but in either case be sure to have the ground rich and freshly dug. Sow for main crop from the middle of July to last of August. In the field, turnips are generally sown broadcast though much larger crops are obtained by drill culture.

**EARLY PURPLE TOP GLOBE**—Deservedly popular, heavy yielder, of rapid growth and superior quality. Price: Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c; postpaid.

**EXTRA EARLY PURPLE TOP MILAN**—Two weeks earlier than any other. Flat, white, with purple top. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., \$1.00; postpaid.

**EXTRA EARLY WHITE MILAN**—The earliest of all turnips, and of excellent quality. Top is very small, upright and compact, so the rows can be planted close together. The roots are clear white, very smooth, flat and symmetrical. Price: Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., \$1.00; postpaid.

**EARLY WHITE FLAT DUTCH STRAP LEAVED**—The most excellent garden turnip and like Purple Top Strap Leaf, a standard flat variety, maturing at the same time. Price: Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c; postpaid.

**GOLDEN BALL**—A most delicate and sweet, yellow-fleshed turnip, of excellent flavor. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 65c; postpaid.

**POMERANIAN WHITE GLOBE**—Very productive; in good soil roots grow from 10 to 12 pounds; good for the table or stock. Price: Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c; postpaid.

**PURPLE TOP STRAP LEAF FLAT**—The old well-known sort of early spring and fall; purple above ground, flesh fine grained, of mild flavor and a good keeper. Price: Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c; postpaid.

**LARGE YELLOW (Amber Globe)**—Flesh yellow, fine grained and sweet, very hardy and productive; splendid keeper. Price: Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c; postpaid.

**SNOWBALL or WHITE SIX WEEKS**—Earliest and most perfectly formed round white turnip. Roots are very uniform in size and shape, short top and single tap-root. Flesh snowy white, solid, crisp and very sweet. Price: Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c; postpaid.

**WHITE EGG**—An egg shaped variety, for spring or fall sowing; flesh white, firm grained; mild and sweet; particularly desirable for table. Price: Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c; postpaid.

**CHIVES**—Clumps of roots. 25c each, postpaid; \$1.50 per dozen, by express.

**EGG PLANT**—New York Purple.

**PEPPER**—Chinese Giant. Large Bell or Bull Nose, Ruby King, Long Red Cayenne.

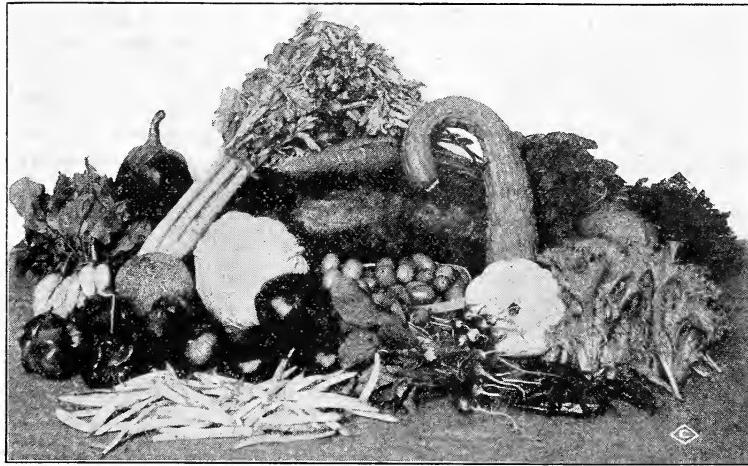
**SWEET POTATOES**—Yellow Jersey, Red Jersey, Southern Queen.

**TOMATOES**—Dwarf Champion, Chalk's Early Jewel, John Baer, Ponderosa, Stone, Golden Ponderosa, Yellow Pear.



AERO  
COLLEC-  
TION  
No.  
6

AERO  
COLLEC-  
TION  
No.  
6



## GRISWOLD'S "AERO" COLLECTION \$1.50 Value for \$1.00

**Big Value—High Quality—Good Results—Lasting Appreciation** and the **Universal Satisfaction** of this **Big Collection** establishes the truth about Griswold quality—and quality is the keynote to the success that has characterized Griswold's seeds for thirty-four years.

every opportunity to convince that Griswold quality is all and more than we claim. We value our reputation as our greatest asset and for thirty-four years our sole aim has been, is, and will continue to be, to make the name **GRISWOLD**, when applied to seed, the highest quality possible to obtain.

Twenty-six 5c and two 10c packages for \$1.00 will give

This Collection consists of twenty-six 5c and two 10c packages—catalog value, \$1.50—and cannot be broken. Look up their description.

1	pkt.	Beets, Crosby's Egyptian.....	5c	1	pkt.	Onion, Yellow Danver's .....	5c
1	"	Bean, Black Wax .....	5c	1	"	Parsnip, Hollow Crown .....	5c
1	"	Bean, Giant Stringless .....	5c	1	"	Parsley, Moss Curled .....	5c
1	"	Bean, Kentucky Wonder .....	5c	1	"	Peas, First and Best .....	5c
1	"	Cabbage, Early Flat Dutch .....	5c	1	"	Peas, Nott's Excelsior .....	5c
2	"	Corn, Early Minnesota .....	10c	1	"	Pepper, Ruby King .....	5c
1	"	Carrot, Danver's Half Long .....	5c	1	"	Radish, Icicle .....	5c
1	"	Cauliflower, Early Snowball .....	5c	1	"	Radish, Scarlet Turnip .....	5c
1	"	Celery, Golden Self Blanching .....	5c	1	"	Spinach, Bloomsdale .....	5c
1	"	Cucumber, Boston Pickling .....	5c	1	"	Squash, Boston Marrow .....	5c
1	"	Kohlrabi, White Vienna .....	5c	1	"	Tomato, John Baer .....	10c
1	"	Lettuce, Early Simpson .....	5c	1	"	Turnip, Purple Top Flat .....	5c
1	"	Lettuce, Hanson .....	5c			Total.....	\$1.50
1	"	Mush Melon Honey Dew .....	10c				
1	"	Water Melon, Tom Watson .....	5c				

ABOVE BIG TWENTY-SIX 5c AND TWO 10c PACKAGE COLLECTION FOR \$1.00, POSTPAID

FREE

25c

COUPON

25c

FREE

WE WANT TO BECOME BETTER ACQUAINTED WITH THE SEED BUYERS THROUGHOUT THE COUNTRY. OF COURSE, THERE ARE SOME WHO DO NOT KNOW OF US, AT LEAST DO NOT GET OUR CATALOG, AND THESE WE WANT TO BECOME BETTER ACQUAINTED WITH.

IT IS EXPENSIVE TO ADVERTISE, NO MATTER HOW IT IS DONE, AND YOU MIGHT AS WELL RECEIVE THE BENEFIT OF THIS COST TO US, AND SO IF YOU WILL FILL IN THE LINES BELOW WITH THE NAMES AND ADDRESSES OF FIVE FRIENDS WHOM YOU THINK ARE INTERESTED IN GOOD SEED AND WOULD LIKE OUR CATALOG BUT DO NOT GET IT, WE WILL GIVE YOU FIVE OF ANY OF THE 5c PACKAGES OF GARDEN OR FLOWER SEED LISTED IN OUR CATALOG, YOUR SELECTION, ABSOLUTELY FREE, POSTPAID, IF SENT IN WITH AN ORDER FOR VEGETABLE OR FLOWER SEED AMOUNTING TO \$1.00.

Name .....	Town.....	State.....
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....

After filling in the above lines, write your name and address here:

.....

**NOTICE**—Before sending your order, look over the index, as you will, no doubt, find something else you want. When sending your seed order include a few plants, poultry and bird supplies, insecticides, etc. Thus you will save time and express charges.

## Market Gardener's Price List

THESE PRICES DO NOT INCLUDE POSTAGE

On this page you will find prices of all the different kinds of Garden Seeds displayed in our catalog. These prices are not postpaid. You can order them sent by express or freight, and if you wish them sent by parcel post your Postmaster can tell you the amount of postage required if you will give him the number of pounds in your order, then you can remit the postage along with your remittance for the order and we will send it by parcel post.

At the bottom of page 27 you will find a condensed parcel post table. By it you can tell about what the postage will be on any given weight.

### ASPARAGUS

	oz.	2 oz.	1/4 lb.	lb.
All varieties Asparagus .....	\$0.10	\$0.15	\$0.25	\$0.85
Asparagus Roots .....	15c doz.; \$1.00 per 100;	\$8.50 per 1,000		

### BEANS

	Bush or Snap Dwarf Wax	1 lb.	5 lb.	10 lb.	25 lb.	50 lb.
per lb.	per lb.	per lb.	per lb.	per lb.	per lb.	per lb.
Sure Crop .....	\$0.40	\$0.39	\$0.38	\$0.37	\$0.36	
All other Dwarf Wax... .	.25	.24	.23	.22	.21	
Dwarf Green Pod and Lima						
Henderson Bush Lima ..	\$0.25	\$0.24	\$0.23	\$0.22	\$0.21	
Burpee's Bush Lima ....	.25	.24	.23	.22	.21	
Burpee's Green Stringless ..	.25	.24	.23	.22	.21	
Giant Stringless .....	.25	.24	.23	.22	.21	
All other Dwarf Green Pod .....	.20	.19	.18	.17	.16	
Pole or Running						
Cut Short (Corn Hill) ...	\$0.25	\$0.24	\$0.23	\$0.22	\$0.21	
Dutch Case Knife .....	.25	.24	.23	.22	.21	
Early Golden Cluster						
Wax .....	.25	.24	.23	.22	.21	
Lazy Wife .....	.30	.28	.27	.26	.25	
Large Lima or Butter....	.25	.24	.23	.22	.21	
Old Homestead (Kentucky Wonder) .....	.25	.24	.23	.22	.21	
Red Kidney .....	.25	.24	.23	.22	.21	
Yard Long—See page 4.						

### BEETS

	Table Sorts	oz.	2 oz.	1/4 lb.	lb.
All Table Beets .....	Mangel Wurzel and Sugar Beets	\$0.10	\$0.15	\$0.25	\$0.60
Corn Saver .....	\$0.10	\$0.15	\$0.20	\$0.60	
Klein's Wanzeben .....	.05	.10	.15	.45	
All other Mangels .....	.05	.10	.15	.40	

### BRUSSELS SPROUTS

Improved Half Dwarf .....	\$0.15	\$0.25	\$0.40	\$1.35
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### BROCCOLI

New White Cape .....	\$0.35	\$0.65	\$1.10	\$3.50
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### CABBAGE

	Extra Early Sorts	oz.	2 oz.	1/4 lb.	lb.
Copenhagen Market .....	\$0.30	\$0.50	\$0.90	\$3.00	
Extra Early Express (Lightning) ..	.20	.35	.65	2.00	
Early Jersey Wakefield .....	.20	.35	.65	2.00	
Early Winningstadt .....	.20	.35	.65	2.00	

### Summer Sorts

All Head Early .....	.20	.35	.55	1.75
All Seasons (Vandergaw) .....	.20	.35	.55	1.75
Early Dwarf Flat Dutch .....	.20	.35	.55	1.75
Early Drumhead .....	.20	.35	.55	1.75
Early Summer .....	.20	.35	.55	1.75

### Fall and Winter Sorts

Autumn King .....	.20	.35	.55	1.75
Hollander (Danish Ball Head) ..	.30	.50	.90	3.00
Large Late Drumhead .....	.20	.35	.55	1.75
Premium Late Flat Dutch .....	.20	.35	.55	1.75
Mammoth Rock Red .....	.25	.45	.80	2.50
Surehead .....	.20	.35	.55	1.75

### CARROTS

	Table Carrots	oz.	2 oz.	1/4 lb.	lb.
All Varieties .....	\$0.10	\$0.15	\$0.25	\$0.75	
Stock Carrots		oz.	1/4 lb.	lb.	

	CAULIFLOWER	oz.	2 oz.	1/4 lb.	lb.
Danish Giant (dry weather) .....	\$1.65	\$3.00			
Early Snowball .....	1.35	2.50			

### CELERY

	oz.	2 oz.	1/4 lb.	lb.
Celeriac .....	\$0.20	\$0.35	\$0.65	\$2.00
Giant Pascal .....	.20	.35	.65	2.00
Golden Self-Blanching .....	.35	.60	1.15	4.00
White Plume .....	.20	.35	.65	2.00

### CORN—SWEET

	1 lb.	5 lb.	10 lb.	25 lb.	50 lb.
Aristocrat .....	\$0.25	\$0.25	\$0.24	\$0.23	\$0.22
Country Gentleman .....	.25	.24	.23	.21	.20
Crosby's Early .....	.20	.19	.18	.16	.15
Early Champion .....	.20	.19	.18	.16	.15
Early Evergreen .....	.20	.19	.18	.16	.15
Early Minnesota .....	.20	.19	.17	.16	.15
Extra Early Premo .....	.20	.19	.18	.17	.16
Golden Bantam .....	.20	.18	.17	.16	.15
Golden Evergreen .....	.25	.25	.24	.23	.22
Howling Mob .....	.25	.25	.24	.23	.22
Mammoth Sugar .....	.20	.19	.18	.16	.15
Mammoth White Corey .....	.15	.15	.14	.13	.12
Papago .....	.25	.25	.24	.23	.22
Peep O'Day .....	.20	.19	.18	.16	.15
Stowell's Evergreen .....	.20	.19	.18	.16	.15

### CRESS OR PEPPER GRASS

	oz.	2 oz.	1/4 lb.	lb.
Extra Curled .....	\$0.15	\$0.25	\$0.45	\$1.50
Water .....	.40	.75	1.35	5.00

### CHUFAS

	oz.	2 oz.	1/4 lb.	lb.
Price .....	\$0.10	\$0.15	\$0.20	\$0.60

### COLLARD

	oz.	2 oz.	1/4 lb.	lb.
Price .....	\$0.20	\$0.35	\$0.60	\$2.00

### CORN SALAD

	oz.	2 oz.	1/4 lb.	lb.
Price .....	\$0.15	\$0.25	\$0.45	\$1.50

### CUCUMBERS

	Boston Pickling (Green Prolific)	oz.	2 oz.	1/4 lb.	lb.
Early Cluster .....	\$0.10	.15	.30	.95	
Davis New Perfect .....	.10	.15	.30	.95	
Early Frame (Short Green) .....	.10	.15	.30	.95	
Everbearing .....	.10	.15	.30	.95	
Improved Early White Spine .....	.10	.15	.30	.95	
Improved Jersey Pickling .....	.10	.15	.30	.85	
Improved Long Green .....	.10	.15	.30	1.10	
Lemon .....	.15	.25	.45	1.20	

### EGG PLANT

	Improved New York Purple .....	oz.	2 oz.	1/4 lb.	lb.
Black Beauty .....	\$0.40	.70	1.35	\$5.00	

### ENDIVE

	All varieties .....	oz.	2 oz.	1/4 lb.	lb.
Price .....	\$0.10	\$0.15	\$0.30	\$1.00	

### FINOCCHIO

	Price .....	oz.	2 oz.	1/4 lb.	lb.
All varieties .....	\$0.40	.75	1.25	\$4.00	

### KALE

	All varieties .....	oz.	2 oz.	1/4 lb.	lb.
Price .....	\$0.20	.35	.50	\$1.75	

### KOHlrabi

	Early White Vienna .....	oz.	2 oz.	1/4 lb.	lb.
White Vienna Forcing .....	.25	.45	.75	.25	
Early Purple .....	.25	.45	.75	.25	

### LEEK

	American Flag .....	oz.	2 oz.	1/4 lb.	lb.
Ask for price.	\$0.20	.35	.50	.25	

	New York Improved .....	oz.	2 oz.	1/4 lb.	lb.
All other varieties .....	.10	.15	.25	.90	

### MINT

	Roots .....	oz.	2 oz.	1/4 lb.	lb.
15c each; \$1.50 dozen					

### MUSkmelon

	Green Fleshed	oz.	2 oz.	1/4 lb.	lb.
Rock Ford .....	\$0.10	.15	.25	.80	
Green Nutmeg .....	.10	.15	.25	.80	
Extra Early Hackensack .....	.10	.15	.25	.80	
Eden Gem .....	.10	.15	.25	.80	
Hackensack (Turk's Cap) .....	.10	.15	.25	.80	
Honey Dew .....	.15	.25	.40	1.30	
Long Island Beauty .....	.10	.15	.25	.80	
Santa Claus .....	.15	.25	.40	1.30	
Yellow Fleshed					



## MARKET GARDENER'S PRICE LIST—Continued

## WATERMELON

	oz.	2 oz.	1/4 lb.	lb.	oz.	2 oz.	1/4 lb.	lb.
Halbert's Honey	\$.10	\$.15	\$.25	\$.60	Sakurajima	\$.15	\$.25	\$.45
Harris' Earliest	.10	.15	.25	.60	French Breakfast	.10	.15	.25
Kleckley's Sweet (Monte Cristo)	.10	.15	.25	.60	White Icicle	.10	.15	.25
Tom Watson	.10	.15	.25	.60	White Box	.10	.15	.30
All other varieties	.10	.15	.25	.55	All other varieties	.10	.15	.20

## MUSTARD

	oz.	2 oz.	1/4 lb.	lb.	oz.	2 oz.	1/4 lb.	lb.	
Chinese	\$.05	\$.10	\$.20	\$.50	Victoria	\$.15	\$.25	\$.40	\$.40
Mammoth Southern Curled	.05	.10	.20	.50	Linneaus	.15	.25	.40	1.25
White	.05	.10	.20	.50	Rhubarb Roots	.....	.....	.....	.....

## OKRA OR GUMBO

	oz.	2 oz.	1/4 lb.	lb.	oz.	2 oz.	1/4 lb.	lb.	
All varieties	\$.10	\$.15	\$.25	\$.65	Mammoth Sandwich Island	\$.20	\$.25	\$.50	\$.75

## ONIONS

	oz.	2 oz.	1/4 lb.	lb.	oz.	2 oz.	1/4 lb.	lb.	
Australian Brown	\$.15	\$.25	\$.40	\$.25	Bloomsdale (Savoy Leaved)	.....	.....	.....	.....
Extra Early Red Flat	.15	.30	.45	.50	Improved Thick Leaved (Long Standing)	.05	.10	.15	.35
Globe Wethersfield Red	.15	.30	.45	.50	New Zealand	.10	.15	.20	.60
Large Red Wethersfield	.15	.30	.45	1.40					
Mammoth Silver King	.20	.35	.65	2.00					
Prizetaker	.15	.30	.45	1.50					
Red Burmuda	.25	.45	.75	2.50					
Southport Red Globe	.15	.30	.45	1.50					
Southport White Globe	.20	.35	.65	2.00					
Southport Yellow Globe	.15	.30	.45	1.40					
Yellow Globe Danvers	.15	.30	.45	1.50					
White Portugal (Silver Skin)	.20	.35	.65	2.00					
White Queen (Bartletta)	.20	.35	.70	2.25					
White Bermuda	.25	.45	.75	2.50					

Deduct 10c per lb. in 5-lb. lots.

## ONION SETS

	qt.	4 qt.	pk.	bu.	oz.	2 oz.	1/4 lb.	lb.	
Red Bottom (bu. 32 lbs.)	\$.15	\$.50	\$.90	\$.35	Lucullus	\$.15	\$.25	\$.40	\$.85
Yellow Bottom (bu. 32 lbs.)	.15	.50	.90	3.50					
White Bottom (bu. 32 lbs.)	.20	.65	1.15	4.00					

Price of all Onion Sets by bushel are subject to market fluctuations. Prices by quart good throughout season or as long as our supply lasts.

## PARSLEY

	oz.	2 oz.	1/4 lb.	lb.	oz.	2 oz.	1/4 lb.	lb.
All varieties	\$.10	\$.15	\$.25	\$.75	Tobacco	Oz., 35c; 2 oz., 65c; 1/4 lb., \$1.00; lb., \$3.50		

## PARSNIPS

	oz.	2 oz.	1/4 lb.	lb.	oz.	2 oz.	1/4 lb.	lb.
All varieties	\$.10	\$.15	\$.25	\$.75	Tomato	Oz., 35c; 2 oz., 60c; 1/4 lb., \$1.00		

## PEANUTS

	oz.	2 oz.	1/4 lb.	lb.	oz.	2 oz.	1/4 lb.	lb.
Jumbo—30c lb.; 2 lbs. for 55c; in larger quantities, 25c lb.								

## PEAS

	1 lb.	5 lb.	10 lb.	25 lb.	50 lb.	oz.	2 oz.	1/4 lb.	lb.	
Early Dwarf	\$0.30	\$0.29	\$0.28	\$0.27	\$0.26	Acme	\$.30	\$.50	\$.90	\$3.00
Little Marvel	.30	.29	.28	.27	.26	Chalk's Early Jewel	.30	.50	.90	3.00
Mammoth Podded Extra Early	.30	.29	.28	.27	.26	Crimson Cushion	.30	.50	.90	3.00
White Marrowfat	.15	.15	.14	.14	.13	Colossal	.40	.75	1.35	4.50
Melting Sugar	.30	.29	.28	.27	.26	Coreless	.25	.45	.80	2.85
The Lincoln	.40	.39	.38	.37	.36	Dwarf Stone, Livingston's	.30	.50	.90	3.00
All other varieties	.25	.24	.23	.22	.21	Dwarf Champion (Tree)	.25	.45	.75	2.50

Write for prices in larger lots.

## PEPPERS

	oz.	2 oz.	1/4 lb.	lb.	oz.	2 oz.	1/4 lb.	lb.	
Red Chili	\$.35	\$.60	\$.15	\$.40	Extra Early Purple Top Milan	\$.10	\$.20	\$.30	\$.90
Long Red Cayenne	.30	.50	.90	3.00	Extra Early White Milan	.10	.20	.30	.90
All other varieties	.45	.85	1.50	5.00	All other varieties	.10	.15	.20	.55

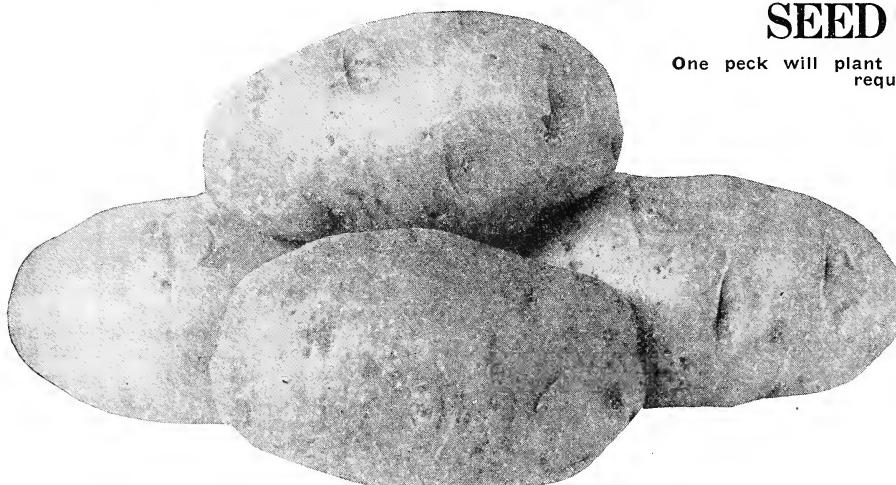
## PUMPKIN

	oz.	2 oz.	1/4 lb.	lb.	oz.	2 oz.	1/4 lb.	lb.	
Connecticut Field	\$.10	\$.15	\$.20	\$.65	American Purple Top	\$.10	\$.15	\$.20	\$.55
Cushaw (Crookneck)	.10	.15	.30	.90	Skirving's Purple Top Yellow	.10	.15	.20	.55
Japanese Pie	.10	.15	.30	.90	Sweet German (Long White French)	.10	.15	.20	.55
King of the Mammoths (Jumbo Potiron)	.15	.25	.40	1.15					
Large Sweet Cheese	.10	.15	.25	.75					
Small Sugar	.10	.15	.25	.75					
Sweet Potato	.15	.25	.40	1.05					

## RADISH

	oz.	2 oz.	1/4 lb.	lb.	On Seeds, Plants, Bulbs, Roots, Books, Tools, etc., within the U. S. and Possessions:	1st lb.	Ea.	Addl. fraction
Saxa	\$.15	\$.25	\$.40	\$1.10	First Zone—Lincoln or 50 miles thereof	.5c	1c	
Non Plus Ultra	.10	.15	.30	.90	Second Zone—within 50-150 miles of Lincoln	.5c	1c	
Early Bird	.10	.15	.25	.80	Third Zone—within 150 to 300 miles	.6c	2c	
Early Scarlet Turnip White Tip	.10	.15	.25	.70	Fourth Zone—within 300 to 600 miles	.7c	4c	
Giant Crimson Globe	.10	.15	.25	.70	Fifth Zone—within 600 to 1,000 miles	.8c	6c	
New Sparkler	.10	.15	.30	.95	Sixth Zone—within 1,000 to 1,400 miles	.9c	8c	
Chinese Rose (Scarlet China)	.10	.15	.25	.70	Seventh Zone—within 1,400 to 1,800 miles	11c	10c	
California Mammoth White	.10	.15	.25	.70	Eighth Zone—all over 1,800 miles	12c	12c	
Round Black Spanish	.10	.15	.25	.70				
Long Black Spanish	.10	.15	.25	.70				

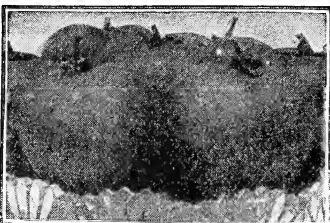
In Making Your Order, Please Give the Price, to Avoid Delay and Errors



Red River Early Ohio

### Seven Seedlings of Rare Value

Mr. E. A. Goodspeed of Onon Co. N. Y., writes: "I have a magnificent Seedling Potatoes grown from your Hybridized Seed, and have raised over 400 bushels. A prominent seedsman wants to introduce them and is trying to buy me out. I have six other seedlings that are more than good."



POTATO SEED BALLS, 1/2 SIZE

### Worth Their Weight in Gold

Mr. C. E. Flint of Washington, writes: "Your Potato Seeds are worth their weight in gold. I had a grand assortment. I grew over 50 varieties from one packet. They are the finest I ever saw, and I expect to make a lot of money out of them."

### Grow New Potatoes

from Hybridized "Seed Ball" Seeds. No product so interesting—none may be of such value. There's money in it, and fun galore. The result will be amazingly diversified—potatoes of all colors, shapes, and sizes, 50 or more distinct varieties. One may make your fortune. Order now. This may be your last chance. Packet, with directions 15c, 4 for 50c, 10 for \$1.

such we gave it a thorough trial on our own farm with the result that

**HOW TO FEED**—We began feeding our hogs one-third corn, one-third alfalfa and one-third of the new CORN SAVER BEET. The amount of alfalfa hay and corn may be reduced from time to time until you will not have to average more than one small ear of corn to each hog, with very little alfalfa hay and the balance CORN SAVER BEET. Give them all they can eat and the hogs will get rolling fat and healthy. Our experience proves we have struck something that will make the profit on hog raising several times greater than theretofore and believe will entirely do away with hog cholera.

**Price:** Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 70c; postpaid. By freight or express, 5 lbs., \$2.75; 10 lbs., (enough for 1 acre), \$5.00.

**GIANT HALF SUGAR MANGEL**—The roots of this new mangel are more valuable, pound for pound, than those of the best strain of sugar beet, supplying food of very much higher nutritive value and not only are they of better quality, but they yield more than twice as much. **Price:** Pkt., 5c; 1/4 lb., 15c; lb., 50c; postpaid.

**GOLDEN TANKARD**—A superior strain of golden fleshed mangel; root half long and very large. It is particularly rich in milk-producing qualities. Is very easily pulled, exceedingly hardy. **Price:** Pkt., 5c; 1/4 lb., 15c; lb., 50c; postpaid.

**MAMMOTH LONG RED (Dignity)**—This is truly a mammoth, a single root often weighing 30 pounds. Enormously productive, smooth and regular in shape, with a small top. They grow half above the ground and are easily harvested. **Price:** Pkt., 5c; 1/4 lb., 15c; lb., 50c; postpaid.

**LANE'S IMPERIAL SUGAR**—This beet grows to a large size, will yield almost as much in bulk as the best mangels, and contains a large percentage of sugar. **Price:** Pkt., 5c; 1/4 lb., 15c; lb., 50c; postpaid.

**KLEIN'S WANZLEBEN SUGAR BEET**—This is the genuine Sugar Beet. The variety used exclusively by beet sugar factories. Owing to the great amount of saccharine matter it is a great stock fattener. **Price:** Pkt., 5c; 1/4 lb., 15c; lb., 55c; postpaid.

## SEED POTATOES

One peck will plant about 100 hills, 8 to 12 bushels required to the acre.

WITH no other seed is the importance of change more essential than with potatoes, and by using our Northern grown seed you are assured of early maturity, increased yield and vigorous growth. The following varieties are, we think, the best and most satisfactory sorts for growing in Nebraska and other states of the same latitude. Most of our seed potatoes are grown in Minnesota or the Dakotas and are of superior quality. Order as early as possible and we will ship as soon as weather permits.

**IRISH COBBLER**—It is an excellent extra early variety, maturing good-sized tubers seven weeks from time of planting; producing very few, if any, small potatoes, all tubers being of marketable size.

**RED RIVER EARLY OHIO**—This is the most popular early potato in this country. We have more calls for it than any other early variety. Every potato grower knows what it is and knows just what it will do in his locality. It is the standard extra early the world over and other varieties are measured by it.

**RURAL NEW YORKER**—It is very large, unusually smooth, with few and shallow eyes; form slightly oblonged, and rather flattened. Skin flesh white, quality excellent, season intermediate. Tubers of great uniformity in size, almost every one marketable. It holds a leading place as a standard field cropper.

**RED TRIUMPH**—Earlier than any other, desirable for the first "new potatoes." Tubers nearly round, medium in size, reddish pink in color.

**PRICES OF POTATOES**  
For prices see colored price sheet enclosed.

### Mangel and Sugar Beets

140 to 150 days required from sowing to maturity. One ounce will sow 100 feet of drill. 10 pounds per acre.

When the fact is considered that 50 tons of Mangel Wurzel may be grown on a single acre, at a small outlay, the wonder is that every farmer does not profit by it.

**CORN SAVER**—A BIG MONEY MAKER—If you have not tried it, surely someone in your neighborhood has. We get hundreds of testimonials every year as to its worth as a hog fattener. Before we ever offered it as



Mammoth Long Red



## ALFALFA

**A**LFALFA is a perennial plant of upright growth, sometimes 3 feet high. The nature of the leaves is somewhat like clover, although not as large. The flowers are a purplish blue and appear in sprays. The seeds are small, yellowish green, kidney shaped and of about the size of a pin head.

**SUITABLE SOIL**—Alfalfa makes a strong and rapid growth on well-drained, rather heavy land, which is supplied with some lime, and where the sub-soil, while not necessarily sand or gravel, is porous. On sandy soil the growth is vigorous, when moisture is abundant but during drought it will suffer unless the roots reach water at a depth of 8 to 10 feet. The land should slope some, as alfalfa will not stand surface water.

**SEED BED**—The land must be free from weeds and the ground must be thoroughly pulverized and well packed. Alfalfa will frequently fail if seeded on freshly plowed ground. If it is necessary to plow the ground before seeding, do it early, harrowing thoroughly and sow after a good rain has settled it.

**SPRING SEEDING**—Sow seed broadcast or with drill from March to June 15th, at the rate of 15 to 20 pounds to the acre.

**FALL SEEDING**—Disk oat and wheat land as soon as the crop is cut, and then harrow or disk every 10 days until a suitable time for sowing before the 15th day of September, when you can sow as above. Cut for hay the next fall. This is the best time to sow for all except northern states, if you are sure of getting fall rains.

**NEBRASKA GROWN SEED**—We are right in the center of the largest alfalfa seed-growing district in the United States. Nebraska-grown alfalfa seed has gained for itself a reputation of which we are proud. It is a good plan to INOCULATE your alfalfa seed with bacteria before sowing.

**SELECTION OF SEED IS MOST IMPORTANT**—Poor seed is a primary and great cause of a poor stand. In buying alfalfa seed the highest priced seed is often the cheapest. The loss is much greater in using seed of poor quality than the difference in cost of the seed. This loss comes from the labor thrown away, the stands lost and yields sacrificed by its use, as well as the final expense in getting rid of the weed seeds introduced.

If seed germinates poorly, one must either plant more seed or expect a thin stand. Small, shrunken seed will not produce vigorous plants. Weedy seed means the introduction into the field of plantain, dodder, thistle, mustard or some other pest, ready to take advantage of the fine fertile soil and undo the work of two years' preparation.

**AERO BRAND ALFALFA SEED**—No seed which we handle is given closer scrutiny than alfalfa. We buy only the best offered, using the microscope and analyzing for purity. Our Aero Brand grade is the brightest, plumpest and cleanest we can find; and even this is not good enough until we have recleaned it through our perfected machinery and taken out everything in the way of sand, broken grains and dirt. We invite the closest inspection of our Aero Brand Alfalfa from particular farmers and we will gladly mail you a sample on request for microscopic inspection and analysis.

**OUR OTHER GRADES OF ALFALFA SEED** will be found of excellent purity, free from prohibited weeds, and grading lower than the Aero Brand because of color rather than actual value.

**FOR PRICES SEE COLORED SHEET ENCLOSED.**

## HUBAM CLOVER

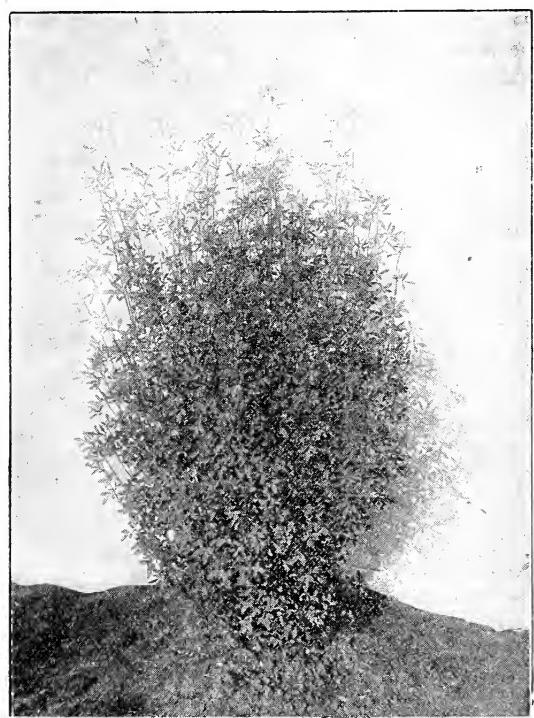
### ANNUAL WHITE SWEET CLOVER

Hubam Clover is an annual which makes seed and dies the year it is seeded. Hubam Clover will outgrow and overcome the annual weeds and, therefore, can be sowed and successfully grown broadcast. It grows slowly at first, and therefore, would be easily killed in case it came up a volunteer crop where you wanted to use some other crop.

The Experiment Station at Ames finds that a mixture of Hubam Clover and Oats promises to make an excellent emergency hay crop.

The question has often been asked wherein is Hubam different from biennial White Sweet Clover. Hubam Clover makes its full growth, blooms, sets a seed crop and dies the same year it is seeded. The biennial White Sweet Clover makes a strong root growth the first year, but makes its main growth, blooms, sets a seed crop and dies the second year. Hubam Clover and the biennial White Sweet Clover are quite similar for a period of about two months from seeding. At the end of this period the Hubam begins to grow very rapidly. As soon as it begins to bloom it sends out longer branches and soon begins to lose its leaves just as the biennial does in the second year of growth. Hubam Clover is also more upright in its early stages of growth than the biennial. Although valuable as a honey plant its chief merit lies in the potential value as a soil restorer when used as green manure following small grain to be plowed under the same year that it is seeded.

**FOR PRICES SEE COLORED SHEET ENCLOSED.**



Hubam Clover



Our Clover Seeds are of the Highest Quality, Thoroughly Cleaned and Tested

# CLOVERS

60 lbs. to Bushel. Sow 8 to 12 lbs. to Acre.

**E**VERY farmer should have some land sown to clover. It is of the greatest value for plowing under for supplying humus and nitrogen, greatly enriching the soil and increasing the following crop yield from 20 to 40 per cent.

**MEDIUM RED** (**Common or June Clover**)—This is by far the most important of all the varieties for hay or pasture. Sow in spring or fall and if no other grasses are used at the rate of 8 to 12 pounds per acre. This clover is a biennial, and at best only lasts three years unless it is allowed to reseed itself which should be done every two years. **For prices see colored price sheet enclosed.**

**MAMMOTH RED** (**Saplin or Vine Clover**)—Quite distinct from Common Red Clover. It lasts longer and is two or three weeks later than the Common Red Clover, grows 3 to 5 feet high and yields an enormous amount to the acre; especially valuable for hog feed and for plowing under green on worn-out lands. Sow 12 lbs. to acre. **For price see colored price sheet enclosed.**

**ALSIKE** (**Swedish Clover**)—One of the hardest of all clovers. This clover is very nutritious, yields abundantly and can be cut several times during the season. It is good for

pasture, green fodder or hay. The roots do not heave like those of Red Clover and for this reason it is especially adapted for wet moist places. It does well on most any soil and resists the severest cold and extremes of drought and wet. We advise farmers to sow 2 or 3 pounds of this seed with their Red Clover and Timothy. If alone, sow 8 pounds to the acre. **For price see colored price sheet enclosed.**

**WHITE DUTCH CLOVER**—Best adapted to moist soils, but does well on any land. This is just the seed to sow in bare spots in your yard. Quick growing. Sow 8 pounds to acre. **For price see colored price sheet enclosed.**

## SWEET CLOVER (**Alfalfa's Twin Sister**)

**WHITE BLOSSOM** or **BOKHARA** (**Mellilotus Alba**)—This lives two years and then dies. It is the variety commonly referred to when "Sweet Clover" is mentioned and is the best for general use.

Sweet Clover is a legume having the same bacteria on its roots that grow on Alfalfa. Consequently it supplies nitrogen to the soil and prepares the way for Alfalfa. It is valuable for building up worn out soils.

It grows in a variety of soils—heavy, light, wet or dry—almost anywhere except in acid soil. But it does best on a firm, well-drained soil which is rich in lime. The Montana Experiment Station recommends it for improving alkali soils. It is a splendid green manure crop for plowing under, as it supplies so much humus and nitrogen to the soil.

**CULTURE**—Sow the seed at the rate of 15 to 20 lbs. per acre with a nurse crop of grain or alone, in well-prepared fields in April or May. Cover the seed very lightly. It may follow a cultivated crop by preparing the seed bed with surface-working implements. If the soil is plowed, this should be done several weeks before seeding.

**GOOD AS ALFALFA**—Many farmers claim that the forage from this plant is just as good as Alfalfa and just as readily eaten by the stock after they have become accustomed to it. Sweet Clover is one of the best plants for bees, it makes a very fine grade of honey.

**TIME TO CUT**—If cut for hay it should be cut when about two feet high and before the stem is woody. If cut just before the seed is matured two years in succession, the plant dies out entirely. **For prices see price sheet enclosed.**

## Griswold's Special Aero Brand Lawn Mixture

Our process of cleaning, recleaning and testing for germination, not less than the care taken in selecting the finest the seasons and markets afford, have yielded a degree of uniformity in growth and quality impossible to attain with less complete facilities and less knowledge of sources and methods. A mixture adapted to our hot, dry climate. It is composed of Blue Grass, White Clover, and several other best lawn grasses. Some of these come early, some grow best during the summer, some grow well in the shade while others make their growth in the fall. In this way one has green grass the whole season. One pound covers 200 sq. ft. (a square 10x10 ft.) for new lawns and half this amount for re-seeding old ones. **For price see colored price sheet enclosed.**



Red Clover



## BETTER CROPS IN FIELD AND GARDEN

IF YOU INOCULATE WITH

Registered in the United  
States Dec. 6th, 1898.  
26 YEARS AGO.



Awarded Gold Medal  
Worlds Fair—St. Louis 1904.  
20 YEARS AGO.

## THE ORIGINAL SOIL INOCULATOR

Alfalfa, clovers, soybeans, vetches, peas, beans, cowpeas, peanuts and other legumes should always be inoculated with Nitragin. The lack of necessary bacteria in the soil is often the cause of a poor legume crop—a weak start—or a total failure.



Inoculated Soybeans  
Be sure and name  
crop to be inoculated.

## BENEFITS OF INOCULATION

The principal reasons for inoculation can be stated in five short paragraphs, viz.: First—Inoculated legumes take nitrogen from the air to supply the plant, resulting in faster growth, earlier maturity and larger crops.

Second—Inoculated legumes take up more nitrogen than the plant itself requires, the surplus remaining to the benefit of future crops.

Third—Inoculated legumes develop larger root systems than when not inoculated and therefore reach the immense stores of potash and phosphorus in the sub-soil, bringing them up to supply the plant. When the roots and stubble decay these elements are also returned to the soil in a form available for future crops.

Fourth—Inoculated legumes, by taking their nitrogen from the air, save the soil. When not inoculated they drain the soil of its nitrogen just the same as wheat or timothy or other leguminous plants.

Inoculated legumes contain more protein matter than when not inoculated, greatly increasing their feeding value.

Summary—Inoculation hastens maturity, increases the crop, improves its quality, enriches the soil and saves fertilizer bills.



## Prices For Field Nitragin

1/4-bu size inoculates 15 lbs seed	\$ .40
1/2-bu size inoculates 30 lbs seed	.60
1-bu size inoculates 60 lbs seed	1.00
5-bu size inoculates 150 lbs seed	4.75

EVERY GARDEN NEEDS "NITRAGIN"  
Garden size is for Peas, Sweet Peas and Beans,  
only including Lima (3 in one). Price 20c.

Sold on the BUSHEL basis—not acre sizes. The one bushel size will inoculate one bushel of any legume seed, price \$1.00, other sizes in proportion. If you sow 15 pounds seed per acre, you pay \$.25 per acre inoculating with NITRAGIN—not \$1.00 or more.

Sold in tins—not glass—packed in a rich soil-like medium.

### BEST INOCULATING BACTERIA FOR BIGGER CROPS—BETTER SOIL

12 Acres	5 Bushels
\$9.00	\$4.50



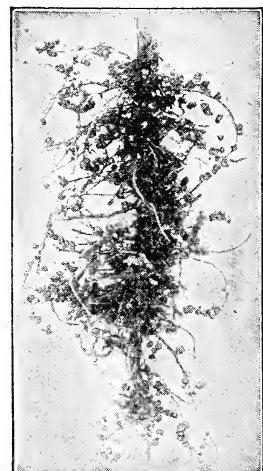
Every time you plant any kind of field or garden beans, peas, clover, vetch or alfalfa, inoculate the seed with one of these two cultures. Unless your soil is unfavorable, having the proper bacteria on your seed means quick growth, an even stand, often an increase of 50% to 100% in crop yield, and great numbers of nodules on roots which deposit in your soil nitrogen fertilizer (nitrates) worth \$20 to \$40 an acre as fertilizer for the grain, cotton, tobacco, fruit and other crops grown on the land afterwards.

## RELIABLE—INEXPENSIVE—EASY TO USE

Not only is it important that you inoculate your seed, but it is just as important that you use a thoroughly reliable inoculant. Some prefer a jelly, others a soil culture. Here are two that you can always depend upon, reasonably priced, put up for us in one of the finest laboratories in the country, that for years has specialized on preparing the best result-producing bacteria. Pour on the seed and plant in usual way—directions on each container.

When you order, state variety of seed you wish to treat. We have always fresh stock for: Alfalfa, Crimson, Sweet, White, Alsike, Hubam, Bur, Lespedeza, Japan, Mixed and all clovers; Soy, Velvet, Lima and all beans; Cow Peas, Sweet Peas, Beggar-inoculate 15 lbs. clover, 20 lbs. alfalfa, 75 lbs. soy beans, 60 lbs. peas.

**HUMOGERM**, on finely pulverized humus, in cans, sold on bushel basis. Prices, postpaid: 2 1/2-bu. size, \$2.25; 1-bu., \$1.00; 1/2-bu., 60c; 1/4-bu., 35c. Garden size will inoculate up to 15 lbs. peas, beans or sweet peas, 25c.



## STANDARD INOCULATING BACTERIA at Greatly Reduced Prices

Our standard cultures are not cheap cultures. They may be cheaper in price than some but in price only. They cannot be made better if ten times the price were offered. Every package is fully guaranteed.

Sent postpaid on receipt of price. One acre size, sufficient for about 20 pounds of alfalfa, clover or other seed, and for about 90 pounds of peas, beans or other large seeds. When ordering, state crop to be inoculated.

Prepared for Alfalfa, Soy Beans, Sweet Clover, Crimson Clover, Alsike Clover, Red Clover, Vetch, Field Peas, Garden Peas, Sweet Peas, Garden Beans, Peanuts, and all other legumes.

## EASY TO APPLY

Full Directions in Every Package	Garden Size.....	\$0.25	4 Acre Size.....	\$1.15
	1 Acre Size.....	.40	6 Acre Size.....	1.50
	2 Acre Size.....	.75		



Dwarf Essex Rape

**COW PEAS**

Highly recommended to plant with oats or kaffir corn, increasing the fertility of the soil for the succeeding crop and leaving the ground mellow and clean from weeds. Do not plant until the weather has become warm; sow 2 bushels if alone and 1 bushel if with other seeds.

**WHIPPOORWILL**—Early bunch-growing variety. For price see colored price sheet enclosed.

**NEW ERA**—An early variety, maturing seeds in from 80 to 100 days. Probably the best sort for North and West. Can be sown after wheat is taken off the ground and still produce a good crop of forage or peas. For price see colored price sheet enclosed.

**FIELD PEAS**

**CANADA FIELD PEAS** (60 lbs. to bushel). With oats  $1\frac{1}{4}$  bu. per acre, 2 bu. if alone. Very valuable for cattle feeding. Excellent for horses and pigs when sown with oats. Farmers will find it very profitable to sow these peas with oats for feed. We have a splendid grade of northern grown fancy seed. Sow broadcast and harrow in. For prices see colored sheet enclosed.



Vetch

to cow peas as they stand up better and are easier to harvest. Of great value from the fact that they fertilize the soil like clover. Ground beans are equal to linseed oil meal in feeding value; as hay for silo it is equal to or better than clover. Will mature in all parts of the corn belt and in the middle states has been grown over 4 feet high; heavily podded with seed, producing 10 tons of feed per acre. For price see colored price sheet enclosed.

**GRASSES****IF YOU WOULD BE SUCCESSFUL, BUY THE BEST.**

In the sowing of a lawn or pasture it will be found economical in the end to seed the best. The cost over poorer seed is, at the most, only

**DWARF ESSEX RAPE**

Grows two to four feet high. Produces from 25 to 30 tons of green fodder to the acre.

Produces feed in from six to ten weeks from sowing.

**Sow five pounds to the acre.**

This is an ideal sheep feed, easily grown; perfectly hardy and possesses remarkable fattening properties. One acre will pasture 36 head of sheep two months and lambs will make a gain of 8 to 12 pounds a month. Pigs and cattle are also very fond of it. It is a rank grower and should have heavy manuring as well as high cultivation. Any corn soil will grow Rape. Sow the seed by the end of June and the crop can be ready to feed at a season when it is most needed. It does well sown with oats. After oats are cut the rape grows rapidly. If the soil is rich and clean, sow broadcast; if not so clean, sow in drills and cultivate as for corn. When sown broadcast use 5 lbs. and if in drills 2 lbs. to the acre. True Dwarf Essex Rape, our own importation.

For prices see colored price sheet enclosed.



Soy Beans

**VETCHES**

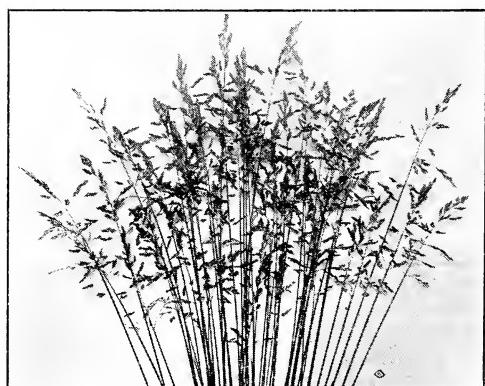
**WINTER VETCH** (*Vicia Villosa*)—The Winter Cover Crop. Also called Sand or Hairy Vetch. It is a hardy legume sown in northern states in the fall months, growing well that season and remaining green all winter. It supplies a place in the North that less hardy crimson clover does in the South. As a winter cover crop it prevents washing or leaching of soil during the winter, and at the same time a nitrogen gatherer it enriches the soil. Vetch also furnishes a very valuable hay or pasture. Drill for cover crop 10 to 20 lbs. per acre. For the hay use 1 bu. For prices see colored price sheet enclosed.

**SPRING VETCH or TARES** (*Vici Sativa*) (**Oregon Vetch**)—Sown broadcast at rate of 1 to  $1\frac{1}{2}$  bu. to acre like wheat or barley and sometimes mixed with oats, for soilng. Valuable for orchard. Used in France and Canada as a substitute for peas. Culture same as field peas. For price see colored price sheet enclosed.

**SOJA OR SOY BEANS**

**IMPROVED YELLOW**—Splendid soilng and hay crop, preferred by many

great value from the fact that they fertilize the soil like clover. Ground beans are equal to linseed oil meal in feeding value; as hay for silo it is equal to or better than clover. Will mature in all parts of the corn belt and in the middle states has been grown over 4 feet high; heavily podded with seed, producing 10 tons of feed per acre. For price see colored price sheet enclosed.



Kentucky Blue Grass

a small part of the actual investment. We do not advocate high prices, because high prices and high quality do not always go together, particularly in the grass seed line. We want to call attention to, and protest against, the many sellers of seed who advertise low prices, which necessitates a cut in quality, to compete at a lower price with goods of better quality. We know of many instances where seed has been shipped into this state which would not pass the state law. When comparing prices, you must compare quality; have the samples tested at your State University or State House and be sure. We offer grass seed at prices that are just, based upon the quality offered. Send for samples.

### KENTUCKY BLUE GRASS

This valuable grass is very productive, usually early and very desirable as a lawn or pasture grass. It comes in the spring and with a few rains during the summer will make good pasture until late fall. It is surprising how well this grass does west, even during the dry season. It is very desirable for lawns, is extremely hardy and will grow when all other grasses fail. For price see colored price sheet enclosed.

### MEADOW FESCUE

#### OR ENGLISH BLUE GRASS

(22 lbs. to bu. Sow 21 to 28 lbs. per acre.)

Hardy and very valuable for good feed and pasture. Starts early in the spring and lasts until November and December. Just the grass for permanent pasture or meadow. Meadow Fescue grows luxuriantly, the blades being broad, tender and nutritious, and springs up quickly after cropping. It starts early in the spring, affording most excellent grazing by March 20th or 30th, and in the fall will frequently keep cattle fat until late in November. For hay it should be cut soon after the blossoms fall. For price see colored price sheet enclosed.



Meadow Fescue

### CANADA BLUE GRASS

This is the blue grass of Canada, New York and the New England states. It does better on poor, clayey thin soils than on rich land. It is smaller, grows closer to the ground and stands cold and drought better than Kentucky Blue Grass. Has a very blue color and flattish stems. Very nutritive and really a valuable grass. Not desirable for lawn. For price see colored price sheet enclosed.



Orchard Grass

### ORCHARD GRASS

(14 lbs. to the bu.; 1½ to 2 bu. per acre.)

Because of its rapid growth orchard grass is one of the most valuable and popular of our domestic grasses. It is hardy and may be grown anywhere in the United States, except the extreme South and the arid regions of the West. It is a very hardy perennial vigorous grower and does as well in shade as in sunshine. It is about two weeks earlier than timothy and one of the last to succumb to frost in the fall.

The tendency of Orchard Grass to grow in tufts may be overcome by thorough preparation of the ground and liberal seeding or sowing with other grasses. It may be sown with good results at most any time from January to September, inclusive. Sow (if alone) 1½ to 2 bushels per acre. For price see colored price sheet enclosed.

When in the market for grass and field seed, write for our latest price list, some kinds may be cheaper.

### ENGLISH OR PERENNIAL RYE GRASS

This grass is considered invaluable for permanent pasture grass. Produces an abundance of remarkably fine foliage and soon forms a compact sod. After being cut it grows quickly and remains bright and green through the season. It is also a good variety for hay if cut when in blossom, as it is then most nutritious. Flourishes best in moist soil. For price see colored price sheet enclosed.

### TIMOTHY

This grass is used exclusively for hay and does well on most any soil. Sometimes grows to the height of 4 feet on rich loam. It is exceedingly nutritious, particularly when ripe. This grass is also used for pasture. It is, however, better for hay and is sown mostly with Red Clover. For price see colored price sheet enclosed.

### BROMUS INERMUS

Grows in Dry, Semi-Arid Regions. Very Resistant to Drought and Freezing. Lengthens Season of Green Pasture. 14 lbs. to bu. Sow 20 lbs. per acre.

Nebraska Experiment Station says: "This is one of the principal grasses grown in the dry and semi-arid regions of Russia and Siberia. It starts very early in the spring and continues growth until late in the fall. Brome grass spreads by means of underground rootstalks. As a hay crop, the grass usually furnishes good cuttings for two or three years, sometimes cutting three tons of cured hay per acre, after which the sod becomes so root-bound that the grass does not grow tall enough for hay (this can be overcome by disking), but will furnish the best pasture for several years."

If plenty of moisture is present it is best to sow in the fall, otherwise it is better to sow in the spring. It is sometimes sown with winter wheat. It is recommended to sow with alfalfa where the latter is to be used as pasture. For price see colored price sheet enclosed.



Timothy



## SEED CORN

**OUR SEED CORN, EARLY AND LATE,  
DENTS AND FLINTS, ARE THE  
BEST BRED TYPES.**

**GOLD MINE**—The grain is a rich golden, shining like new coin from the mint; dent, long, deep; kernel often over three-fourths of an inch long. This corn will shell more pounds to 70 pounds of ears than any corn we know of. Seventy pounds of Gold Mine on the ear will make 62 to 63 pounds of shelled corn, the smallest proportion of cob of any variety.

**HOGUE'S YELLOW DENT**—This corn is highly endorsed by the State Experiment Station and is one of the very best corns for Nebraska and Kansas. Ears are medium size to large, maturing in about 100 days.

**IMPROVED LEAMING**—A rich golden dent corn, good sized ears, rich in protein. Owing to the deep, bright color, smooth tapering ear, and solidity and weight of this corn, it is in high demand by shippers, either for ear corn or shelled. It is a very productive sort, and because of smooth, even surface, it is much nicer to handle than the rough backled sorts.

**CALICO**—That fine, large, variegated corn that always yields well and makes big ears. Always ripens before frost.

**WHITE CAP BUTCHER**—A medium yielder, early red corn with white cap; will mature in 85 to 90 days and be good and sound.

**PRIDE OF THE NORTH**—This is a well-known variety, beautiful, deep dented, fine golden color, 8 to 9 inches long, with small cob and very long and deep kernels. A tremendous sheller. Seventy pounds of ears will make 60 pounds of shelled corn. Stalks grow to about  $7\frac{1}{2}$  feet, are short jointed and leafy; average distance base of ear from ground is 3 feet. Two well-developed ears are frequently found on one stalk. Yields 40 to 75 bushels to the acre. Ripens in 85 to 90 days, is hardy and vigorous.

## **POP CORN**

**AUSTRALIAN HULLESS**—The Quality Popcorn—Also known in some sections as Japanese Rice, Tom Thumb, or Bumble Bee Popcorn. The Australian Hulless is a dwarf-growing corn, a heavy yielder of attractive ears, peculiar in form, being nearly as thick as long. The kernels are similar to the best strains of White Rice, only longer and slimmer and pearly white in color, but its crowning merit lies in its popping quality, fine flavor and absence of hull or shell. Most tender and delicious flavor when popped, without any hard particles, melts in your mouth. It is grown extensively for market. Price: Pkt 5c; lb. 30c; postpaid.

sively for market. Price: Pkt., 5c; lb., 30c; postpaid.  
**BABY GOLDEN POPCORN**—Smallest popcorn in existence. It is very prolific, producing from 5 to 10 ears on a single plant. The stalks do not exceed 3 feet in height and the ears from  $\frac{3}{4}$  to  $\frac{3}{2}$  inches in length. The kernels are small but very little larger than a kernel of rice, of a handsome lustrous, light golden color, and pop without leaving any hard center. Price: Pkt., 5c;  $\frac{1}{2}$  lb., 10c; lb., 35c; postpaid.

## Table of Weights of Grass and Field Seeds

**Showing Number of Lbs. to Bushel and Amount of Seed Necessary for an Acre**

	No. Lbs. to Bu.	No. Lbs. to Acre		No. Lbs. to Bu.	No. Lbs. to Acre
Alfalfa .....	60	15 to 25	Kaffir Corn.....	56	50 to 100
Alsike Clover .....	60	6 to 8	Milo Maize.....	56	4 to 6
Barley .....	48	48 to 96	Millet (except as noted) .....	50	25 to 50
Beans .....	60	30 to 50	Oats .....	32	32 to 64
Billion Dollar Grass .....	40	10 to 15	Onion Sets, top .....	28	
Buckwheat .....	50	25 to 40	Onion Sets, bottom .....	32	320 to 408
Broom Corn.....	46	10 to 12	Orchard Grass.....	14	25 to 30
Brome Grass.....	14	25 to 40	Pearl Millet.....	50	5 to 8
Blue Grass, Ky. ....	14	25 to 30	Peas, field, smooth garden .....	60	90 to 120
Cane in Drills.....	50	6 to 8	Peas, wrinkled.....	56	
Cane, for Fodder.....	50	100 to 150	Peanuts .....	24	24 to 30
Clover, Alsike.....	60	6 to 8	Pencilaria .....	50	5 to 8
Clover, Red.....	60	12 to 15	Potatoes, Irish, good meas. ....	60	480 to 600
Clover, White Dutch .....	60	6 to 8	Rape .....	60	5 to 10
Corn .....	56	8 to 10	Red Top.....	14	20 to 30
Corn on Ear.....	70		Red Clover.....	60	12 to 15
Cow Peas.....	60	60 to 90	Rye .....	56	72 to 90
English Blue Grass (Meadow Fescue) .....	22	21 to 28	Rye Grass, Eng. or Peren. ....	24	50 to 60
Flax .....	56	28 to 42	Speitz, or Emmer.....	48	80 to 120
Hemp .....	44	39 to 60	Sweet Clover.....	60	12 to 15
Japanese Millet.....	40	10 to 15	Timothy .....	45	15 to 20
Johnson Grass.....	25	25 to 50	Wheat .....	60	60 to 90





## SPRING WHEAT

**MARQUIS**—Marquis Wheat is similar in appearance to Red Fife, but the heads, as a rule, are heavier and the straw shorter, making it less likely to lodge. The kernel is flinty, a little darker in color than Red Fife, being dark red, and more plump than that variety. It is beardless, having smooth, yellow chaff. Under certain climatic conditions a small percentage of the heads sometimes show a reversion to the Hard Calcutta parent by bearing beards. Otherwise these heads are identical with the bald heads, maturing at the same time and containing the same size and shape of kernel. It weighs from 64 to 66 lbs. to the measured bushel. **For prices see colored price sheet enclosed.**

**MACARONI OR DURUM WHEAT**—Sent out by the United States Department of Agriculture under strong recommendation as to its great value for semi-arid lands where good crops of spring wheat could not ordinarily be produced, has more than justified every claim made for it. The acreage of this variety is increasing every year in spite of the opposition of some millers. It outyields by far any other variety of spring wheat, and it has been demonstrated that it makes bread superior to that made from the best Fife Wheat flour, and has proved to be practically immune to the dreaded rust. In growing it resists extremes of weather which no other wheat will endure. **For prices see colored price sheet enclosed.**



## OATS

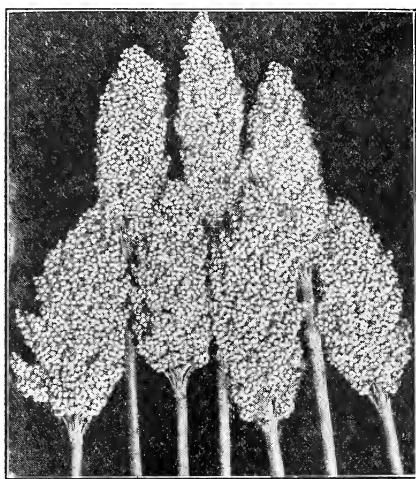
**KHERSON OATS**—Known as University Oats No. 1. Kherson Oats, when ripe, are a beautiful yellow in color. They have fine large sprangles of full heads. The leaves are broad and extend nearly to the roots. They are a good yielder under favorable conditions. They do much better than many other varieties in dry seasons, giving a fair crop when other varieties yield hardly 10 bushels to the acre. This variety is especially adapted to soils where others would lodge, as it has a short, stiff straw, bearing grain nearly one-half its length. It is an immense yielder and on account of its earliness usually escapes rust when other varieties may be entirely ruined. Kherson Oats ripen with barley and the extra early wheats, hence make splendid succotash mixture when grown together. We have a fine lot of Kherson Oats for seed. **For price see colored price sheet enclosed.**

**UNIVERSITY No. 21**—Hardy and good yielder. Largest yielder in Nebraska, 80 to 112 bushels to acre; 2 to 3 weeks earlier than common oats. Has superseded all other types in this state.

The Nebraska Experiment Station in Bulletin No. 160, says: "Strain No. 21' ranked first in yield. Its yield was 7.8 bushels per acre greater than the original Kherson Oats as an average for the four-year period. The consistent superiority in yield of strain No. 21 in the field plots as well as the nursery indicates a marked improvement over the original Kherson Oats. The white color would also give it an added value on the general market." Kernel is slender, plump and white. Very high in nutritive value. No better oat on earth for rich, heavy soils. Grand oat for light soils. In fact, it is a genuine money maker.

Our seed has been obtained from the original No. 21 oat as sent out by the Nebraska Experimental Station. **For price see colored price sheet enclosed.**

**SWEDISH SELECT OATS**—Swedish Oats have given such general satisfaction that we know many will still adhere to this favorite. One reason for its enormous yields is its "three-kernel feature." It has been bred and selected to produce three kernels to the pod. The grain is short and plump and very heavy, of clear white color. The stock we offer is pure and clean, entirely free from any weed seed or seed of any other oat or grain. They are also acclimated to American conditions of soil and climate, and for this reason give much better results. At an extra cost of but a few cents per acre you can increase your yields 25 to 50 per cent just as well as not, by using our seed. **For price see colored price sheet enclosed.**



Kaffir Corn

said to be more prolific, yielding thirty to fifty bushels of grain per acre, and suitable for feeding most any kind of live stock. It is especially recommended in the semi-arid regions of the West, or upon poor soil where ordinary Indian Corn will not produce a profitable crop. It matures a crop in 70 days—about three weeks earlier than Kaffir Corn. **For price see colored price sheet enclosed.**

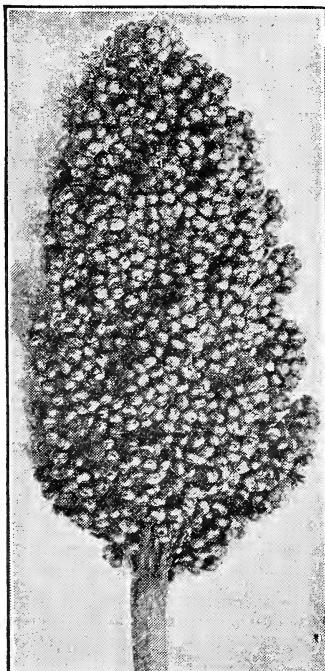
### SCHROCK KAFFIR-SORGHUM

Stocky growth about 4 feet high, very heavy leafy foliage, very wide leaves, juicy, soft, sweet stalk. Erect heads, Kaffir-shaped; seeds deep orange, larger and softer than White Kaffir. Dry grain has same feeding value as White Kaffir and like White Kaffir for best results should be either ground or fed in the head.

Finest of poultry feed. Makes best silage in the world because of soft, sweet stalk and immense amount of leaves and grain. **For price see colored price sheet enclosed.**

### MILO MAIZE

Milo Maize is an excellent grain for dry regions. It will yield 15 bushels to the acre under conditions so dry that corn will be a total failure. When fed with some succulent feed such as alfalfa, stock beets or sorghum, it makes fine food for fattening cattle. To prevent waste milo should be fed in heads or ground. Plant 4 to 6 pounds per acre in rows and cultivate. **For price see colored price sheet enclosed.**



Milo Maize

### SEED FLAX

It will pay you to sow nice, pure, high-grade flax seed. Our seed is thoroughly recleaned, free from mustard or any other weed seed and is as good as can be purchased anywhere. One of the most profitable crops, especially on new land. **For price see colored price sheet enclosed.**

### TEOSINTE

#### 95 TONS GREEN FODDER PER ACRE

It resembles corn somewhat in appearance, but the leaves are much longer and broader and contain sweeter sap. It suckers more than any other forage plant, generally producing 20 to 30 stalks from one kernel of seed, and growing to a height of 11 feet. Can be cut two to five times in one season when 2 to 3 feet high and used for green fodder, or it can be dried and makes a magnificent fodder for cattle during the winter months. **For price see colored price sheet enclosed.**

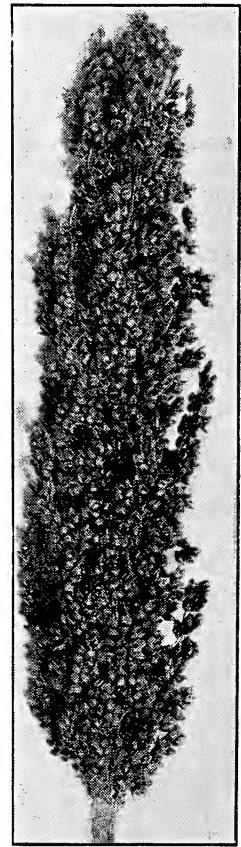
### BARLEY

**WHITE HULLESS**—A valuable variety, has large heads, plump kernels, both hulless and beardless and looks like large white wheat. Is two or three weeks earlier than any other barley and an immense yielder. Stools wonderfully. Sow only 1½ bushels per acre. **For price see colored price sheet enclosed.**

**COMMON**—Succeeds best on lands more sandy and lighter than those adapted to wheat. Sow from 2 to 2½ bushels per acre. **For price see colored price sheet enclosed.**

**MANDSCHEURI**—It is an early six-rowed bearded variety, maturing 80 to 90 days from the time of sowing; is very strong strawed and stools well, bearing large heads of plump grain; adapted to all kinds of soil and climate. **For price see colored price sheet enclosed.**

**CHAMPION**—It is beardless and nice to handle. Grows tall and stands up well. Straw is good and grows taller than any other variety. **For price see colored price sheet enclosed.**



Cane or Sorghum



German Millet

cows, producing more milk than corn fodder. It grows 6 to 8 feet high, and produces 50 to 80 bushels of seed per acre. It should be sown the latter part of May, 10 pounds per acre. For price see colored price sheet enclosed.

**PENICILLARIA or PEARL MILLET**—Greatest and best yielder of green forage and continues to grow and produce through the entire season if cut frequently enough to prevent its going to seed. In actual field tests made some years ago on heavily manured ground it made green forage at the rate of 95 tons per acre in 135 days. No other forage plant has ever come up to that record. Relished by all kinds of stock and they eat it greedily. It ought to be grown on your farm. Sow thinly in rows 3 feet apart at the rate of 8 to 10 pounds per acre. For price see colored price sheet enclosed.

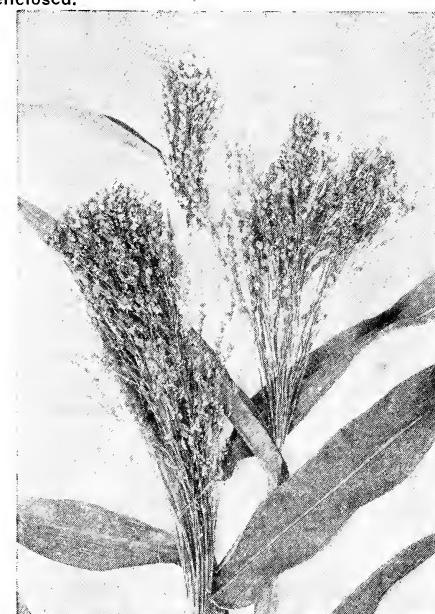
### BUCKWHEAT

**JAPANESE**—This sort has proven to be much earlier and more productive than any other variety. The grains are very large and of rich, brown color. It excels in yield and earliness. For price see colored price sheet enclosed.

**SILVER HULL**—A very good and popular variety. The grain is of light color, is rounder than the common variety, matures earlier, and yields a half more to the acre. For price see colored price sheet enclosed.



Sudan Grass



Broom Corn

### BROOM CORN

46 POUNDS TO THE BUSHEL

**OKLAHOMA DWARF**—Possesses several features of merit which place it at the head of others, viz.: Its earliness, dwarf habit (5 feet high), robust growth, extreme productiveness, long, well-fibered brush and its ability to resist drought. For price see colored price sheet enclosed.

**IMPROVED EVERGREEN**—The best variety for general cultivation on account of color and quality of brush. For price see colored price sheet enclosed.

### SUDAN GRASS

**The Greatest Drought Resister Known.** A new forage crop of immense value to farmers. Sow in drills 4 to 5 lbs. per acre; broadcast, 20 to 25 lbs. It is a tall annual grass, growing under favorable conditions to a height of 6 to 10 feet, but when broadcasted thickly it grows only 3 to 5 feet high. The stems are fine, the largest stalks seldom thicker than a lead pencil. Where the plants are scattered, they stool abundantly, as many as 100 stalks from a single root.

The grass cures easily, making hay of excellent quality, which is readily eaten by all kinds of live stock. Will ordinarily yield two cuttings of hay in a season. The hay should be cut as soon as the grass is fully headed. Two or more cuttings per season can be made, and the yield is from two to four tons per acre. The quality of Sudan Grass hay is superior to Millet hay and is said to be about equal to Timothy. Will grow on practically all soils and can be used as a catch crop, same as Millet. Sudan Grass is strictly an annual and dies each year like Millet. For price see colored price sheet enclosed.



# NURSERY DEPARTMENT



Delicious Apples

## FRUIT TREES AND PLANTS BY MAIL

THIS year all our trees and plants will be sent by Parcel Post. Smaller sized trees are easier to transplant than the larger ones. Another thing, fruit trees are high in price and express rates are also high, so there is a saving from many angles by sending out the smaller sized trees by Parcel Post.

The trees and plants will be delivered right to your door with all charges paid. By having them come this way, it will save you the trouble of having to go to town right in the busy season as you would have to do if you bought larger trees and had them come by express or freight. The trees will be well rooted, sound and healthy, and of 3 to 4 feet sizes.

Our nursery stock is all inspected by the State Entomologist and must be free from all insects and diseases before it can be sold. A certificate to this effect accompanies each shipment. We guarantee our trees to give you satisfaction in so far that if they are not satisfactory upon arrival you can return them immediately at our expense.

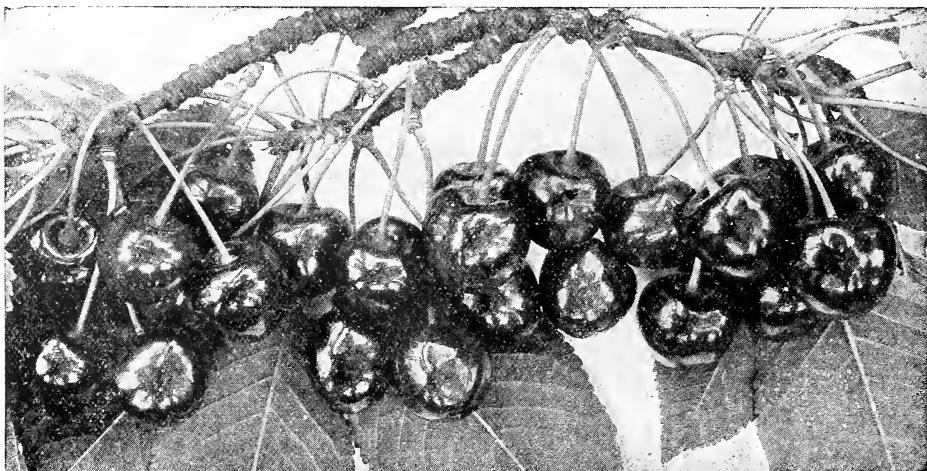
## CHERRIES

**EARLY RICHMOND** (English Pie Cherry)—A well known old standard variety. Tree is hardy, healthy, a free grower, very productive and regular in bearing. Fruit clear bright red, of medium size, acid, rich and one of the best for canning and for pies. Ripens in June.

**MONTMORENCY**—Large, red, rich and acid. Very hardy and productive. It belongs to the Richmond class and besides ripening ten days to two weeks later, there is little difference between the two.

## COMPASS CHERRY-PLUM

Absolutely hardy everywhere. The cherry is a cross between the sand cherry and the minor plum. The fruit is nearly an inch in diameter, a bright red, sweet and juicy, and a very fine flavor. When young and green the fruits look more like undeveloped plums, but as they mature, they become round like a cherry. The pit is somewhat elongated; the color of the fruit is bright red; when fully ripe, a dark wine shade. In general appearance it looks more like a plum than a cherry. We recommend this cherry to be planted wherever it is hard to raise fruit of any kind, for this tree will bear good fruit when others fail. The tree is a regular and a heavy bearer and produces fruit the next year after setting out.



Early Richmond

FOR PRICES OF FRUITS ON THIS PAGE, SEE PAGE 39



## APPLES

**GRIME'S GOLDEN**—Tree vigorous. Fruit above medium, regular surface rich golden yellow; flesh yellow, flavor rich and spicy, slightly acid. Especially good for early winter. Season November to January.

**DELICIOUS**—Fruit is large, with the surface almost covered with a most beautiful brilliant dark red, blending to golden yellow at the blossom end. In quality it is unsurpassed, in flavor sweet, slightly touched with acid, but only enough so as to make it all the more pleasing, with an aroma delightfully fragrant. The flesh is fine-grained, crisp, juicy, melting and withal delicious. In keeping quality it ranks with the best, coming out of storage in March and April in perfect condition. Tree is very hardy.

**JONATHAN**—A delicious dessert apple. Fruit good size, surface a brilliant red; flavor rich and spicy, slightly acid. Especially good for early winter; very hardy and productive. Season November to January.

**OLDENBURG (Duchess)**—Fruit large striped, beautiful, quite juicy, mild sub-acid, or almost tart; tree a good bearer, with upright head, requiring little or no pruning; very hardy. Indispensable north and west, good south, and favorite east. One of the best for culinary use, being particularly well adapted for cooking and drying. July and August.

**RED JUNE**—Size medium oblong, very red. Flesh white, tender, juicy, sweet, acid with a fine flavor. Quite early and keeps well for a summer apple. Tree very hardy, bearing young and abundantly.

**WEALTHY**—Originated by the late Peter M. Gidion. A vigorous spreading grower, very productive and hardy. Fruit above medium to large, oblate, very regular, smooth, light yellow, almost wholly covered with bright red splashes and stripes. A beautiful fruit. Flesh white, often stained with red, tender, very juicy, slightly sub-acid, very good for table use and cooking. A splendid and profitable market sort. Season October to February.

**WINESAP**—A valuable, well-known variety. One of the leading export apples, fruit medium, roundish, skin moderately thick and tough. Dark red with yellow; flesh very rich and firm. Season December to May.

**YELLOW TRANSPARENT**—One of the earliest apples. Fruit is medium large, smooth, transparent. Skin is clear white turning pale yellow when ripe. Flesh white, fine grained, aromatic, and of splendid quality. Tree is vigorous, good bearer. Its hardiness, vigor and early bearing commend it. Ripens in early August.

## CRAB APPLES

**WHITNEY NO. 20 (Hybrid)**—A beautiful, upright growing tree. A young and abundant annual bearer and very hardy. Fruit of large size, conical, yellow, striped with red, and covered with a whitish bloom. Flesh white, crisp, sub-acid, almost sweet and very fine for eating; good for sweet pickles. Season August to September.



Hanska Plum

## APRICOTS

**ALEXIS (Russian)**—Medium to large, light orange, yellow flecked with red; flesh tender, juicy, sweet and good quality; hardy; very productive. July.

**BUDD (Russian)**—Medium to large, light orange with blush on sunny side; flesh sweet, juicy with flavor of the peach; hardy and productive. August.

## PEARS

**BARTLETT**—Large size, with beautiful blush next the sun, buttery, very juicy, and highly flavored; tree a strong grower, bears early and abundantly; very popular. August, September.

**FLEMISH**—Large, red cheeked, beautiful, excellent quality, productive; one of the hardest; very popular in the West.

## OUR FRUIT TREE PRICES

	PRICES ARE POSTPAID		
	Size	Per 1	Per 10
Apples .....	3-4 ft.	\$0.50	\$4.50
Crab Apples .....	3-4 ft.	.50	4.50
Apricots .....	3-4 ft.	.75	7.00
Cherries .....	3-4 ft.	.85	8.00
Compass Cherry .....	3-4 ft.		
Peaches .....	3-4 ft.		
Pears .....	3-4 ft.		
Plums .....	3-4 ft.		

## PEACHES

**CHAMPION**—Fruit large, beautiful in appearance, flavor delicious, sweet, rich and juicy; skin creamy white with red cheeks; freestone. The peculiarity of this acquisition is its hardiness. One of the best bearers in Nebraska. August.

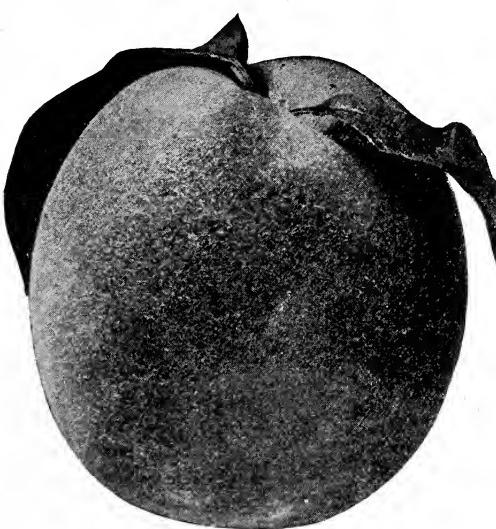
**ELBERTA (Free)**—The great market peach of the Southwest; perfectly hardy in the North and is believed by many growers to be the best all around peach; color lemon-yellow with blush on sunny side; flesh pale yellow, tender and juicy; tree vigorous; a good shipping peach.

## PLUMS

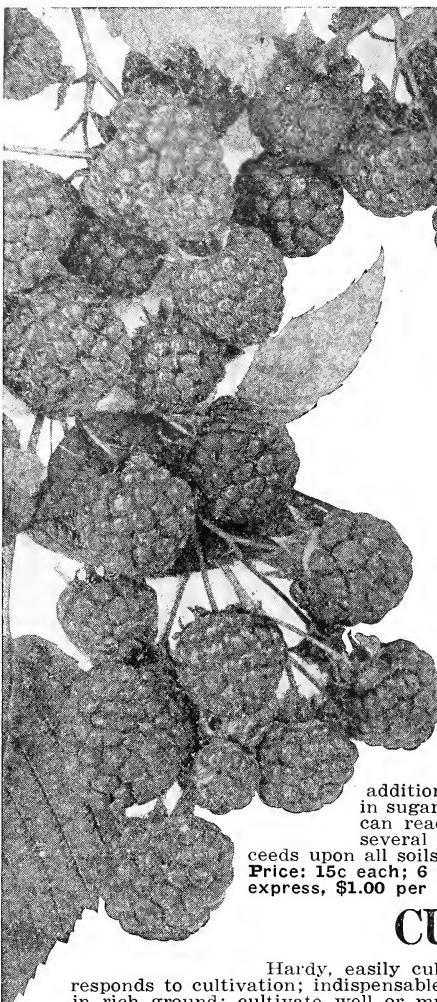
**HANSKA**—(Sioux Indian word for "tall"). A cross between a native plum and the fine Apricot Plum of China. Fruit large; bright red with heavy blue bloom; flesh firm, yellow and very fragrant. Splendid for eating fresh and preserving.

**OPATA**—(Sioux Indian word for "Bouquet"). A cross between the western Dwarf, Rocky Mountain Cherry and Gold Plum. Fruit large, dark purplish-red with blue bloom; flesh green and firm. Excellent for eating and cooking. Very productive. Ripens first of August.

**SAPA**—(Sioux Indian word for "Black"). Introduced in 1908. Fruit dark purple; flesh rich, dark red. On account of its fine flavor, rich coloring, productiveness and early bearing, Sapa is one of the most popular of the Hansen Hybrids.



Elberta Peach

St. Regis  
Everbearing**BLACKBERRIES**

**P**LANT in rich soil and a little shade, among trees, or on north side of trees or fence, if possible. Of all the varieties tested, the Snyder has proven the hardiest.

**SNYDER**—Medium size, sweet and good, strong grower, production extremely hardy; fully proven its value. After all the experience we have had with blackberries we are thoroughly convinced that this is the berry for the West and Northwest. Should be universally planted. Prices: 15c each; 6 for 75c; \$1.25 per doz.; postpaid. By express, \$1.00 per doz.; \$7.00 per 100.

**RASPBERRIES**

**I**T is difficult to transplant one year plants. Two year plants transplant easily and are cheapest in the end. Plant on strong soil, manure freely, cultivate well, and mulch heavily. Moisture must be retained in order to grow raspberries successfully. Strong, well rooted plants.

**RED RASPBERRIES**

**LOUDON**—The hardest and most productive of red varieties, very large and of the best quality. Price: 12c each; 6 for 50c; 90c per dozen; postpaid. By express, 75c per doz.; \$5.50 per 100.

**BLACK RASPBERRIES**

**CUMBERLAND**—Largest black raspberry known. Perfectly hardy and vigorous grower. For productiveness nothing exceeds it. In quality rich, sweet and luscious; a mid-season variety. Price: 12c each; 6 for 50c; 90c per doz.; postpaid. By express, 75c per dozen.

**EVERBEARING RED RASPBERRIES**

**ST. REGIS**—Plants set early in April gave berries June 20th of same year, and continued to produce ripe berries freely until the middle of October. In addition to the bright crimson color and large size of the fruit, it is so firm and rich in sugar that it will stand shipping 200 miles, can readily be kept in perfect condition for several days after being gathered. It succeeds upon all soils, and the canes are absolutely hardy. Price: 15c each; 6 for 65c; \$1.25 per doz.; postpaid. By express, \$1.00 per doz.; \$6.50 per 100.

**CURRANTS**

Hardy, easily cultivated, stand neglect well, liberally responds to cultivation; indispensable for jellies, etc. Set four feet apart in rich ground; cultivate well or mulch heavily; prune out old wood so that each remaining shoot will have room to grow. If the currant worm appears dust with He-Bo.

**CHERRY**—The red berries sometimes more than half an inch in diameter, bunches short, vigorous and productive when grown in good soils and well cultivated.

**FAY'S PROLIFIC**—The leading market variety; bunches and berries large and uniform in size, color red, easily picked; exceedingly productive.

**WHITE GRAPE**—Very large, yellowish white, sweet or very mild acid. Excellent quality and valuable for the table. Productive.

**WILDER**—One of the strongest and most productive. Bunch and berries very large, bright, attractive red color, even when dead ripe; hangs on bushes in fine condition for handling until very late. A valuable market sort.

Prices: All currants, 35c each; 6 for \$2.00; \$3.75 per doz.; postpaid. \$3.50 per dozen, by express.

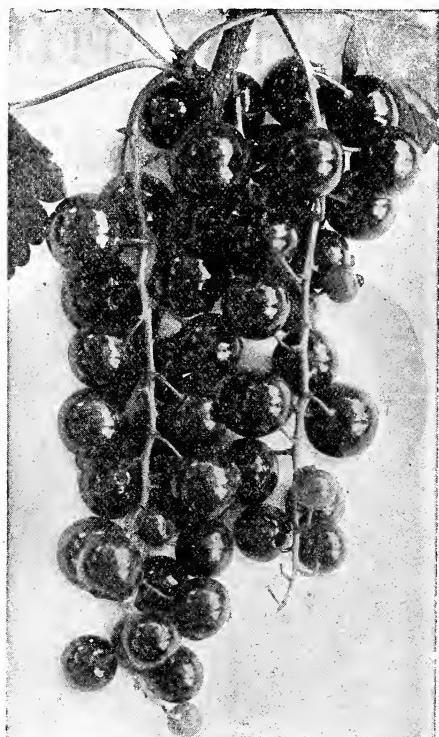
**GOOSEBERRIES**

Plant in good rich soil in rows 5 feet apart by 3 feet in the row, and give a liberal dressing of manure every season. Pruning every year is essential for the production of fine fruit. The English varieties do the best in partial shade and should be heavily mulched.

**DOWNING**—An old and well-known variety. Fruit large and handsome, pale green, of fine quality. A strong, vigorous grower, seldom affected by mildew. One of the best. Price: 35c each; 6 for \$2.00; \$3.75 per doz.; postpaid. \$3.50 per dozen, by express.

**MORE AND BETTER FRUIT**

You will be amazed at the results obtained in more and better fruit by spraying. We have sprayers of all sizes and kinds, also spray materials. See pages 67-69.



Cherry Currant



## GRAPES

**T**HREE is scarcely a yard so small, either in country or city, that room for one to a dozen or more grape vines cannot be found. They do admirably trained up to the side of any building or along the garden fences, occupying but little room and furnishing an abundance of the healthiest of fruit. Make the soil mellow and plant the vines somewhat deeper than they stood in the nursery. Plant about 8 feet apart by the fence or building. For vineyards make rows 8 feet apart, 6 to 10 feet in rows.

**Note:** Our grape vines are all strong, well rooted plants.

**AGAWAM (Red)** — Bunches and berries large, dark red color, fine rich flavor, juicy and sugary. Almost seedless pulp, quality very fine. Extremely hardy, bears abundantly and stands the heat of summer well. Ripens with Concord. Price: 35c each; 6 for \$2.00; \$3.75 per dozen, postpaid. By express \$3.50 per dozen.

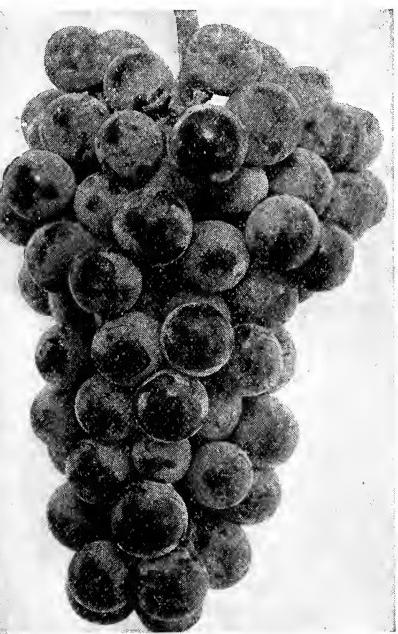
**CONCORD (Black)** — Too well-known to need much description; is considered by many to be the best all around grape grown; is extremely hardy, vigorous and productive, bunches large, compact; berries large, juicy, buttery and sweet; and will succeed well almost anywhere. Price: 25c each; 6 for \$1.25; \$2.40 per dozen; postpaid. By express, \$2.15 per dozen; \$12.50 per 100.

**MOORE'S EARLY (Black)** — Bunch large, berry round with a heavy blue bloom, quality said to be better than Concord; hardy and prolific; a good market berry; ripens

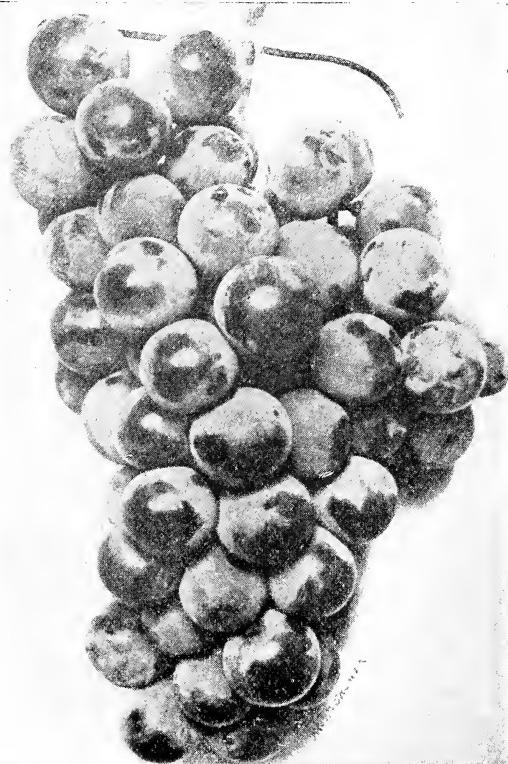
about two weeks before Concord. Price: 35c each; 6 for \$2.00; \$3.75 per dozen; postpaid. By express, \$3.50 per dozen.

**NIAGARA (White)** — Leading white grape with tinge of golden yellow where exposed to the sun; bunch large, very compact, very large, flesh juicy, sweet, with considerable pulp. Vine a moderately good grower, but very healthy and very hardy, it buds notwithstanding severe cold even better than Concord. It produces a heavy crop of fine showy clusters. Price: 30c each; 6 for \$1.65; \$3.25 per dozen; postpaid. By express \$3.00 per dozen.

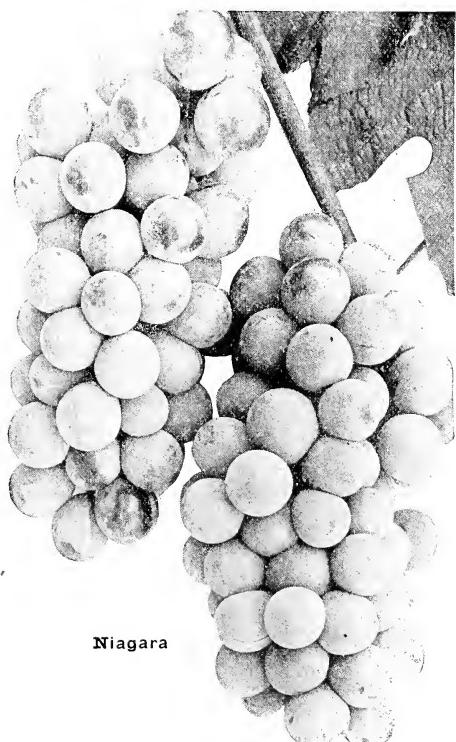
**WORDEN (Black)** — Bunch large, sometimes shouldered, compact; berries very large, skin thin. Ripens 5 to 10 days earlier and fully equals Concord in vigor and productivity. Price: 30c each; 6 for \$1.65; \$3.25 per dozen; postpaid. By express, \$3.00 per dozen.



Moore's Early



Concord



Niagara

### Our Strawberries Give Satisfaction

Merrimack Co., N. H.  
April 24, 1923.

Gentlemen: Words cannot tell you how well pleased I am with the way your Strawberry Plants that you sent me wintered. They are all alive and growing well.

HARVEY M. BAILEY.

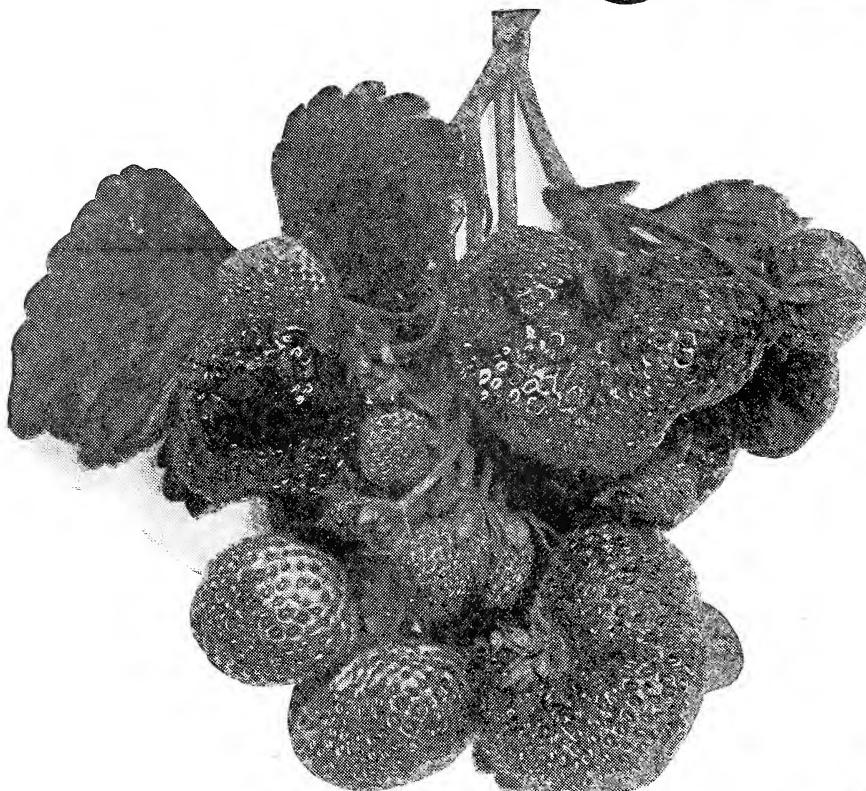
Lake Co., Ill., Sept. 21, 1923.

Gentlemen: Received my Strawberry Plants yesterday and are all o. k. and in fine condition. Thanking you for your promptness in delivery.

LIZZIE GLEESON.

Osceola Co. Ia., June 7, 1923.

Dear Co.: The Strawberry Plants that I received were sure in fine shape. They're all growing nice. Thanking you, I am  
KLAUS HOLLANDER.

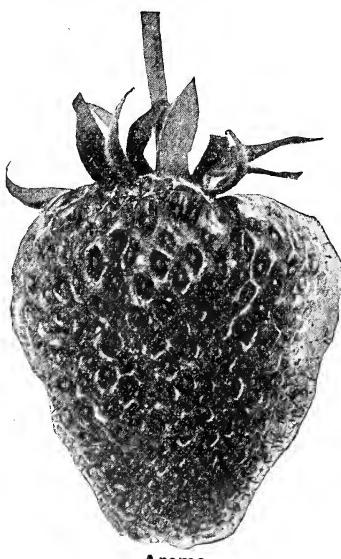


Progressive

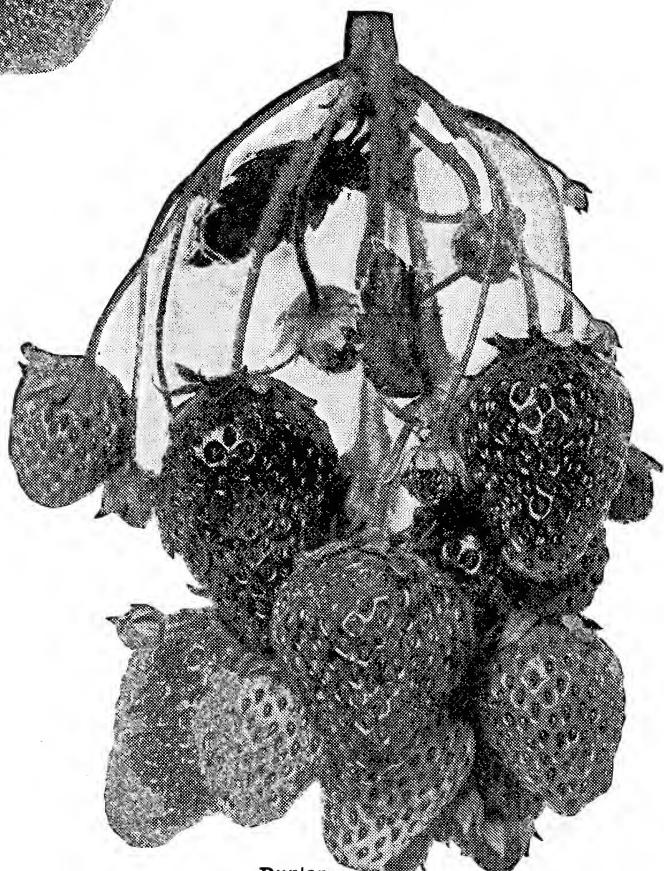
## EVERBEARING STRAWBERRIES

Strawberries that yield fruit continually from May until frost have been known for a long time. The new cultivated sorts were originated by cross-pollinating these wild everbearing Alpine sorts with our standard varieties and combining the everbearing habits of the one parent and the size and quality of the other.

**PROGRESSIVE**—Considered by many as the best of the fall bearing varieties. The plants are vigorous and healthy and they multiply all they ought to. The berries are about an inch in diameter, uniform in size, of deep crimson color, very firm and of high quality. It begins to bear with the second early of the June varieties, yields then a heavy crop of nice berries and is really profitable for its June crop alone. It continues bearing all summer, though not as heavy, of course, and with favorable weather a good crop in the fall, when the weather gets cooler again. Price: 50c per doz.; \$2.25 per 100; postpaid. By express, \$2.00 per 100; \$17.50 per 1,000.



Aroma



Dunlap

## STRAWBERRIES

These should do well in any ordinary farm or garden soil. The ground should be well prepared. For field culture set in rows three feet apart, and from 12 to 15 inches in the row. For garden 15 inches apart each way. In winter a covering of straw or old hay will protect the plant. Do not cover until the ground is frozen. Strawberry plants cannot be shipped by freight to distant points, but should go by express or parcel post to insure safe arrival.

**SENATOR DUNLAP. MEDIUM**  
**Early, Perfect**—This is the most popular strawberry in all sections of the United States. It produces immense crops of dark red, top-shaped berries of medium size to large size. Few varieties bear fruit of such uniform size and color. Stands universally as a leading commercial strawberry and succeeds equally well all over the country. Price: 25c per dozen; \$1.25 per 100; postpaid. By express, \$1.00 per 100; \$8.50 per 1,000.

**AROMA**—Late, perfect. Large, bright scarlet, roundish conical shape, very productive; has fine quality, rich flavor; high market value. Is very superior to the old standard late varieties; it does well wherever planted. Price: 25c per dozen; \$1.25 per 100; postpaid. By express, \$1.00 per 100; \$8.50 per 1,000.



# Griswold's Flower Seeds



**ALYSSUM**—5 to 10 inches. Profuse bloomer, good for bordering or for bouquets; fine for window boxes. Sow very early.

**Sweet**—Fragrant white flowers. The old favorite. **Pkt., 5c.**

**Little Gem**—Dwarf and compact. Good for border. **Pkt., 5c.**

**Carpet of Snow**—Very dwarf trailing plant. **Pkt., 5c.**

**ALYSSUM SAXTILE COMPACTUM** (Basket of Gold)—Valuable perennial for early spring bedding, producing a profusion of bright yellow flowers. Good rock plant. Height one foot. **Pkt., 5c.**

**AMARANTHUS (Tricolor Splendens—Joseph's Coat)**— $2\frac{1}{2}$  feet. The inner foliage is of blackest bronze, tipped with green, while the outer foliage is bright scarlet and gold. The colors are especially brilliant if grown in poor soil. **Pkt., 5c.**

**AGROSTEMMA Coelli (Rose of Heaven)**—1 foot. Attractive pink blossoms on long, slender stems. **Pkt., 5c.**

**AGROSTEMMA, Coronaria**—Attractive, free flowering perennial producing bright colored flowers on long, slender stem, like a single pink; blooms first season. **Mixed colors. Pkt., 5c.**

**AQUILEGIA (Columbine)**—The Columbines are one of the most elegant and beautiful of the hardy plants, producing their graceful spurred flowers on stems rising 2 feet or more above the beautiful divided foliage. **Single mixed colors. Pkt., 5c.**



## FLOWER SEED

### GENERAL CULTURE

A rather light and moderately rich soil thoroughly spaded, is most desirable. That the tiny seedlings may be seen and the weeds removed, it is better to plant all flower seeds in rows. Sow the seed evenly in the rows, cover with the finest of soil, about three times the diameter of the seed, and press soil firmly over the seed. Keep covered with cloth or paper till sprouts appear. The soil should never become dry after the seeds have been swelled, for if it does, they will be pretty sure to fail. Do not grow the plants too thick; keep the weeds down and the sur-

face of the soil well stirred with a hoe or rake during the summer, especially if the weather is dry. A great many varieties can be sown in the house, if desired, early, and afterwards transplanted. Most plants will continue to bloom much longer if the flowers are picked, and not allowed to form seed.

### ALL PRICES POSTPAID

**Discount: Any six 5c or three 10c  
Packets for 25c.**

**ABRONIA** (Sand Verbena)—6 inch. Sweet scented trailing plants; rosy-lilac flowers, borne in clusters. Suited for rockeries. **Pkt., 5c.**

**ACHILLEA** (Ball of Snow)—A favorite hardy perennial well worth growing, giving throughout the summer an abundance of small double pure white flowers in loose bunches; much prized for cutting. **Pkt., 5c.**

**ACONITUM** (Monkshood)—Handsome hardy herbaceous plants with bold spikes of hood-shaped flowers, thriving in either shade of sun.  $2\frac{1}{2}$  feet. Aug.-Sept. Rich dark blue. **Pkt., 10c.**

**ACROCLINUM**—2 foot. Daisy-like everlasting flowers. **Pink, white or mixed. Pkt., 5c.**

**ADONIS**—Hardy plants with large star-shaped yellow flowers, 18 inch. May. **Pkt., 5c.**

**AGERATUM**—5 inch. One of the best border flowers, blooming all summer; of easy culture. Grows 5 inches high. **Blue, white or mixed. Pkt., 5c.**



**BEGONIA**—The flowers, although small, are of brilliant color and borne in great profusion from summer to fall. **Mixed colors. Pkt., 10c.**

**BELLIS PERENNIS** (Double Daisy)—6 to 8 inches. A charming hardy old favorite for edging beds, borders or rock work. Blooms April to June. **Pink, white or mixed. Pkt., 10c.**

**BRACHYCOME** (Swan River Daisy)—A free blooming, dwarf growing annual, covered during the greater part of the summer with a profusion of daisy-like flowers. Suitable for edgings, summer beds or pot culture. **Mixed. Pkt., 5c.**

**BUTTERFLY FLOWER**—(See Schizanthus, page 50.)

**CACALIA** (Tassel Flower or Florist's Paint Brush)—A very attractive border plant growing to a height of about 2 feet. The brilliant orange-scarlet flowers are much prized for bouquets and vases. **Pkt., 10c.**

**CALENDULA**—The old "Pot Marigold." A very hardy annual with double yellow flowers, like double daisies. Blooms all summer and grows about 15 inches tall. **Mixed colors. Pkt., 5c.**

**CALLIOPSIS**—Very hardy and showy annual with bright yellow and reddish brown single daisy-like flowers easily grown and useful both for garden decoration and cutting. Sow early and thin to 6 inches apart. **Mixed colors. Pkt., 5c.**

**CAMPANULA**—Media (Canterbury Bells)—Hardy perennial. The old-fashioned sort with beautiful large bell-shaped flowers. **Light blue, rose, white or mixed. Height 2 to 3 feet. Seed pkt., 5c.**

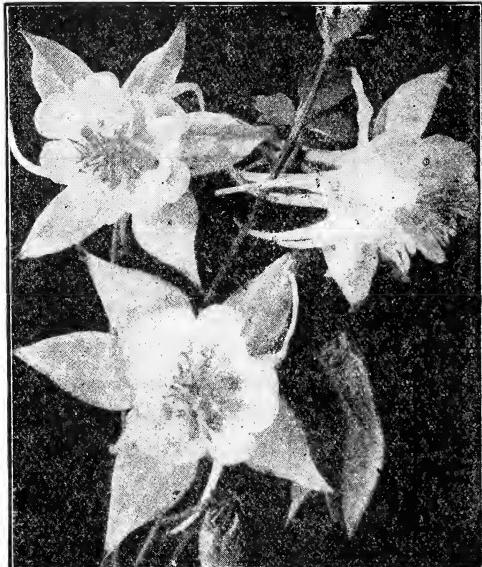
**Calycanthema** (Cup and Saucer)—Flowers resemble a cup and saucer; very beautiful. **Mixed. Pkt., 10c.**

**CARNATION** (Giant Margaret)—Flowers of very large size, measuring 3 inches or more in diameter; colors include all the shades of white, pink, crimson and striped. **Pkt., 5c.**

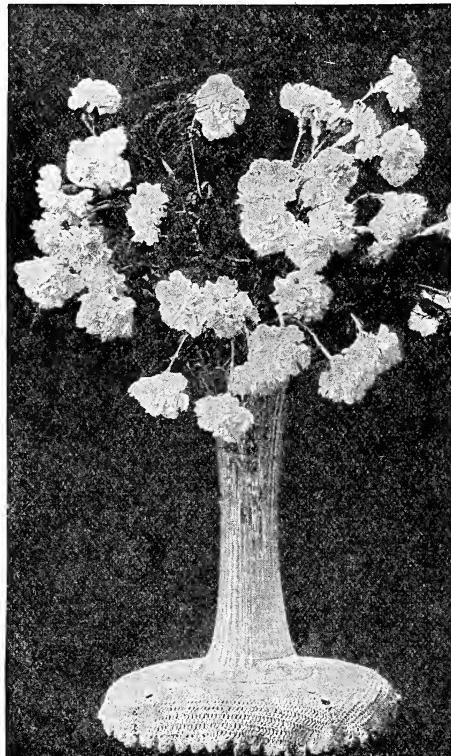
**Griswold's Choice Mixture**—This is a mixture of the best strains. The plants will bloom the first summer and will produce many flowers equal to the best florist's Carnations. **Pkt., 5c.**

**CARNATION, GRENADE**—A delightful early flowering variety that is entirely hardy, yielding an exceptionally large percentage of sweet-scented double scarlet flowers of a most telling color. Height 15 inches. **White or Red. Pkt., 10c.**

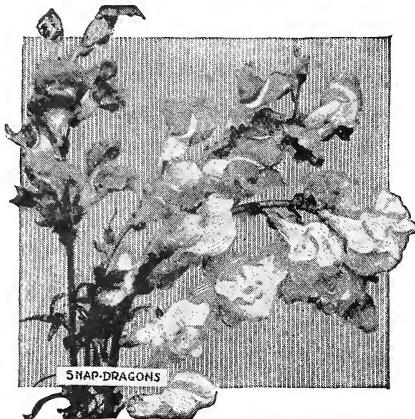
**CASTOR BEAN**—See Ricinus, page 50.



Aquilegia



Carnations



## ASTERS

One of the most popular flowers for late summer and fall display. Sow seed early in deep soil with plenty of mulch.

**Queen of the Market**—The best early aster flowering two weeks earlier than the other varieties. White, pink, blue or mixed. **Pkt., 5c.**

**Branching**—Large, late-blooming, with long, strong stems. Purple, pink or mixed. **Pkt., 5c.**

**Betteridge Quilled**—Flowers large, freely produced, and of brilliant colors; height 12 inches. Mixed colors. **Pkt., 5c.**

**Chrysanthemum Dwarf**—Early flowering; 9 inches high. Good sized flowers, free bloomer. Mixed colors. **Pkt., 5c.**

**Peony Perfection**—Large and perfectly double, with beautiful curved petals, giving flowers a globular form. Mixed colors. **Pkt., 5c.**

**Mixed**. A fine mixture of early flowering varieties. **Pkt., 5c.**

**Hohenzollern**—Improved. The flowers are very large and double with curled petals on long stems, very graceful; mid-season to late blooming. White, light blue, dark blue, pink, lavender, purple or mixed. **Pkt., 10c.**

**Giants Comet**—A beautiful, distinct variety, resembling chrysanthemums. White or mixed colors. **Pkt., 10c.**

**Started Plants—Mixed. Per dozen, 85c; postpaid.**

**ASTER** (Michaelmas Daisies)—Michaelmas Daisies now fill a most important place in all hardy flower gardens, with their masses and clouds of dainty and brightly colored blossoms throughout the autumn months up to November, when other flowers are scarce. **Mixed varieties in the finest array of sizes and colors. Pkt., 5c.**

**ANTIRRHINUM** (Snapdragon)—Dark glossy leaves and beautiful spikes of flowers, with finely marked throats; one of the most showy border plants. Of easiest culture.

**Queen of the North**—Large, fragrant white flowers. Nice for pot culture as well as borders. **Pkt., 5c.**

**Tall Sorts**—18-inch. Mixed. All sorts of red and yellow; best for cutting. **Pkt., 5c.**

**Dwarf Sorts**—8-inch. Mixed. Large variety of colors; best for edging. **Pkt., 5c.**

**BACHELOR'S BUTTON**—(See Centaurea Cyanus, page 45, and Globe Amaranth, page 47.)

**BALSAM**—Sometimes called "Touch-Me-Not" or "Lady's Slipper." A tender annual growing about eighteen inches tall in the shape of a small tree and producing all along the branches showy single and double flowers like small roses. Should be grown in rich soil.

**Camellia-Flowered**—The best of all Balsams. Flowers very large, perfect in form, double and produced in abundance. **Mixed colors. Pkt., 5c.**

**CANDYTUFT**—A free-flowering, hardy annual somewhat resembling Alyssum, but larger, with longer heads of blooms, fragrant and easily grown early in the season. Sow early where plants are to bloom.

**Empress**—A complete mass of pure white flowers. Valuable for bouquets. Pkt., 5c.

**Fine Mixed**—All colors. Pkt., 5c.

**CANNA (Indian Shot)**—Stately plants with handsome foliage and showy flowers. The seeds should be soaked 24 hours in warm water before planting. If sown in February, should bloom in July.

**Crozy's Dwarf Hybrid**—Saved from best and largest flowers only. All colors. Pkt., 5c.



Celosia (Coxcomb)

**Imperialis (Giant Sweet Sultan)**—Double sweet-scented flowers borne on long, stout stems. Keeps for a week in water, if cut when about to open; 2 feet high. **Mixed.** Pkt., 10c.

**CHINESE WOOLFLOWER (Celosia Childsii)**—A distinct form of the plumed Celosia, with beautiful, ball-shaped flower heads of a purplish-crimson color, somewhat resembling a ball of wool. It flowers profusely during summer and fall. Two to three feet tall. One of the finest fall-blooming annuals. Pkt., 10c.

**CHRYSANTHEMUM (Annual)**—Showy and effective garden favorite, extensively grown for cut flowers. The hardy annuals are summer flowering border plants, good for pot culture and quite distinct from the autumn flowering varieties. **Choice Mixed.** Pkt., 5c.



Chinese Woolflower

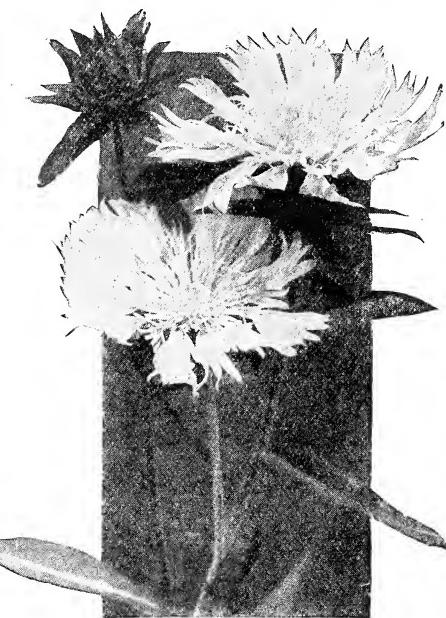
**CELOSIA (Coxcomb) Cristata**—Very popular annuals of easy culture producing large ornamental comb-like heads like ruffled chenille. **Tall Mixed or Dwarf Mixed.** Pkt., 5c.

**Plumosa**—About 2 feet high, of branching habit, with feathery plumes of brilliant colors; one of the most effective ornamental plants. **Mixed.** Pkt., 5c.

**CENTAUREA CYANUS**—There are two types of this plant, one the "Gymnocarpa" or "Dusty Miller," a plant with silvery gray foliage and largely used for bordering formal beds, and the other our old-fashioned Bachelor Button or Corn Flower Centaurea Cyanæa, which is a very hardy annual, flowering all summer and useful for cutting.

**Bachelor Button (Emperor)**—Also called Blue Bottle, Ragged Sailor and Corn Flower. Intense blue. Single flowers. Is a hardy annual coming up year after year from self-sown seed. **Mixed.** Pkt., 5c.

**Gymnocarpa (Dusty Miller)**—Graceful, fine cut, silvery white foliage. Nice for edging beds. Pkt., 5c.



Bachelor's Button

**CHRYSANTHEMUM (Hardy)**—**Mixed colors.** Pkt., 5c.

**CINERARIA**—The small, starry flowers are borne in profusion on lovely panicles measuring 7 to 9 inches in circumference. There are many pleasing shades of crimson, rose, bluish white, azure and violet. Fine for pot culture. **Mixed.** Pkt., 20c.

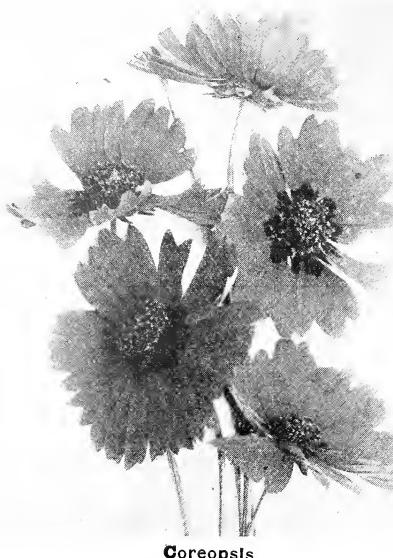
**COLEUS**—The most popular of all foliage plants. Easily grown from seed, but must be started in a box in the house or hot-bed, as the seed is very fine and when sown is scarcely covered, but must be kept moist. Tender annual. **Pkt.**, 10c.

**CLARKIA**—Very pretty, free flowering annuals desirable for shady places. The flowers are of rose, white, red, purple, etc., borne in profusion during the summer. 1 to 2 feet. **Mixed.** Pkt., 5c.

**CLEOME PUNGENS (Giant Spider Plant)**—Rose colored flowers with long stamens. A tall grower and blooms freely until frost. **Pkt.**, 5c.



Chrysanthemums



Coreopsis

**DELPHINIUM or LARKSPUR**—Indispensable to the herbaceous garden, their long showy spikes of flowers persist from June till frost and furnish the most satisfactory blues to any color scheme. Perfectly hardy. Mixed colors. Pkt., 5c.

**DIANTHUS BARBATUS (Sweet William)**—The varieties we offer are an improvement on the old-fashioned kinds, inasmuch as the colors and size of flower are very superior, being grown from select seed. Excellent perennial border plants and fine for cutting. Double scarlet, white or mixed. Also single mixed. Pkt., 5c.

**DIANTHUS PLUMARIUS (Clove Pink)**—Hardy perennial. An exquisite mixture of colors. Pkt., 5c.

**DIANTHUS HEDDEWIGI (Double Japan Pinks)**—Carnation-like flowers. Of value for bedding. The colors range from pure white to crimson spotted and striped. Perennial, but blossoms the first summer, and for years if the flowers are freely picked; much larger than the Chinese Pinks.

Heddewigi Fireball—Brilliant scarlet. Pkt., 5c.

Heddewigi Midnight—Blood red. Pkt., 5c.

Heddewigi Snowball—Pure white. Pkt., 5c.

Heddewigi Mixed—All colors. Pkt., 5c.

**Chinensis (Double Chinese or Indian Pinks)**—Compact plants with extra large double flowers. Excellent for bouquets as well as bedding. Mixed colors. Pkt., 5c.

**DIGITALIS (Foxglove)**—Handsome and highly ornamental hardy plants of stately growth and gives a wealth of bloom. Height three to four feet. Mixed. Pkt., 5c.

**DIMORPHOTHECA AURANTIACA (African Daisy)**—An extremely showy annual daisy from South Africa which suits our climatic conditions perfectly. The husky plant grows 12 to 15 inches high. The flowers, which are  $2\frac{1}{2}$  inches across, are a rich glossy orange yellow with dark disk and halo.

These glitter in the sunshine and produce a magnificent sight when in full bloom. Seed may be sown in the same way as Petunias and should have a dry, sunny position. They bloom the greatest part of the summer and fall. Pkt., 10c.



Cosmos

**COREOPSIS (Lanceolata Grandiflora)**—This is one of the finest of hardy plants, with large showy bright yellow flowers, produced in the greatest abundance from June until frost. As a cut flower they stand very near the head. Have long stems and last a long time. Height 3 feet. Pkt., 5c.

**COSMOS**—Autumn blooming plant of exceedingly graceful habit. The single star-like flowers are borne profusely in loose clusters, ranging in color from white through pink to crimson. The feathery spring green foliage well adapts it as a background for dwarf flowers. If topped when half grown the plants bloom much earlier, the check inducing immediate flowering. Seeds should be sown early in the spring and the plants transplanted two feet apart when danger from frost is past. Grows 5 to 7 feet high.

**Mammoth Giant Perfection**—Late flowering. A strong, vigorous grower, bearing flowers of extraordinary size and substance. Excellent for cutting. White, pink, red or mixed. Pkt., 5c.

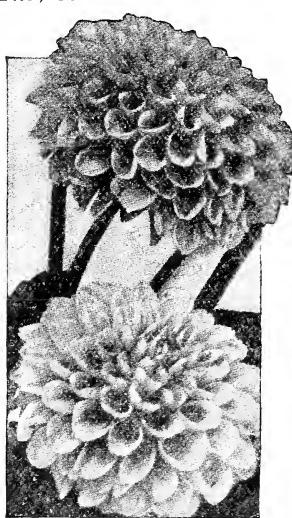
**Early Flowering**—Comparatively dwarf plants producing both white and colored flowers, coming into bloom much earlier than the giant forms and will give a great profusion of bloom until late in the autumn. Mixed colors. Pkt., 5c.

**Dawn**—Early flowering, flowers beautiful and large, petals broad pure white, flushed with a delicate tinge of rose, profuse bloomer. Mixed. Pkt., 5c.

**CYCLAMEN (Giganteum)**—They make flowering bulbs in one season if sown in sandy soil. Beautifully mottled leaves, immense flowers of great substance. Mixed colors. Pkt., 15c.

**DAHLIAS**—Single or double. Mixed. Pkt., 5c.

**DATURA (Sweet Nightingale)**—A large, strong plant, with trumpet-shaped, fragrant, pearl-white flowers; 3 feet. Pkt., 5c.



Dahlia



Delphinium



**ESCHSCHOLTZIA** (California Poppy)—A hardy, free-flowering annual growing about 15 inches high and producing quantities of single, poppy-shaped blooms in shades of yellow, orange and red. Flowers over a long period. Sow early where it is to remain, as it will not bear transplanting.

**California**—All shades of yellow. Pkt., 5c.

**EVERLASTINGS** (See *Acroclinium*, *Celosia*, *Globe Amaranth*, *Gypsophila*)

—Pick when flowers open and hang stems up to dry for winter bouquets.

**FEVERFEW**—(See *Matricaria*, page 48.)

**FORGET-ME-NOT** (*Myosotis Palustris*)—None of the spring flowers are more appreciated than the Forget-Me-Nots. Blooming all summer, they run in color from light azure-blue to deep royal blue, clear pink and pure white. Pkt., 5c.

**FOUR O'CLOCKS** (Marvel of Peru)—This is another good old-fashioned flower, yellow, crimson and violet. Some varieties combine two or more of these colors in spots, flakes and splashes in such a manner as to give the flowers a most bizarre effect. Mixed colors. Pkt., 5c.

**GAILLARDIA GRANDIFLORA** (Blanket Flower)—One of the showiest hardy plants, growing about two feet high and succeeding in any soil in a sunny position; beginning to flower in June, they continue the entire season. The large flowers are of gorgeous coloring. The center is dark-red brown, while the petals are marked with rings of brilliant crimson orange and vermillion, and often a combination of all in one flower; excellent for cutting. Pkt., 5c.

**GAILLARDIA** (Blanket Flower) *Picta Lorenziana*—The heads of star-shaped tufted flowers are greatly admired for their rich blending of red, yellow and orange. 1½ feet. Pkt., 5c.

**GERANIUM**—Favorite house plant. Seed started early will bloom the first year. Mixed colors. Pkt., 5c.

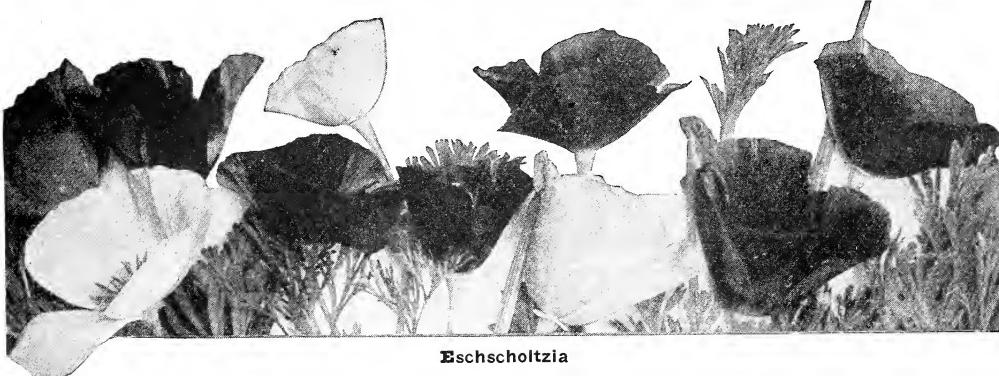
**GLOBE AMARANTH** (*Gomphrena*)—Sometimes called Bachelor's Button. A very pretty everlasting flower with blossoms resembling clover. 2 feet. Red, white or mixed. Pkt., 5c.

**GODETIA**—Beautiful garden plants, having delicately shaded large satiny texture, trumpet-shaped blossoms of many colors. Easily cultivated in any good garden soil. 1½ feet. Mixed colors. Pkt., 5c.

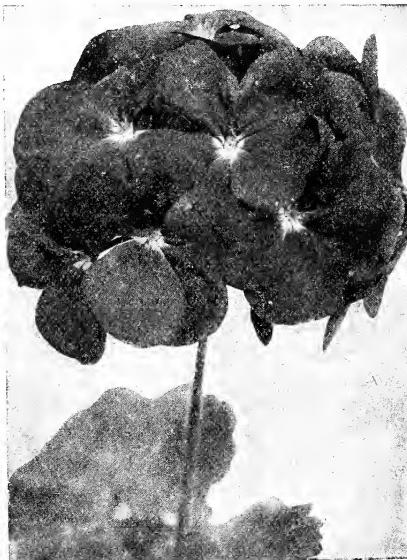
**GOLDEN FEATHER**—See Pyrethrum, page 50.

**GYPSOPHILA** (*Paniculata*, Baby's Breath or Love in a Mist)—2 feet. White flowers on branching stems, producing a veil-like mist over the plant. Pkt., 5c.

**Elegans**—Beautiful pink. Pkt., 5c.



Eschscholtzia



Geranium



Hollyhocks

**HELIOTROPE**—In shades of white, pink, purple, blue and lavender. Odor is liked by all. Pkt., 5c.

**HIBISCUS** (Crimson Eye)—Flowers of the largest size, often five to six inches across; pure white, with a large spot of velvety crimson in the center. Pkt., 5c.

**Rose Mallow**—Very showy, pink flowers. Pkt., 5c.

**HOLLYHOCK**—6 to 8 ft. August-September. One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not obtainable with any other plant. Sown sown any time before midsummer will produce plants that bloom the following year.

**Double Varieties**—White, Crimson, Blood Red, Yellow, Pink. Pkt., 5c.

**Double Mixed (Charters Superb)**—Pkt., 5c.

**Single Varieties**—White, Rose, Yellow, Red and Mixed. Pkt., 5c.

**Allegheny**—Semi-double and single. Mixed. Pkt., 5c.



Dianthus Hedgewigii



**JOB'S TEARS** (*Coix Lachrymae*)—2 to 4 ft. The seed is frequently used as an old-fashioned remedy for sore throat, goitre and teething babies. It is strung on a linen thread and worn around the neck as a chain. Pkt., 5c.

**KOCHIA** (*Burning Bush or Summer Cypress*)—The plants grow with many slender branches resembling a small, closely sheared evergreen with light green leaves until fall, when the whole plant turns crimson. Sow May 1st and thin to 2 feet apart. 2½ feet high. Pkt., 5c.

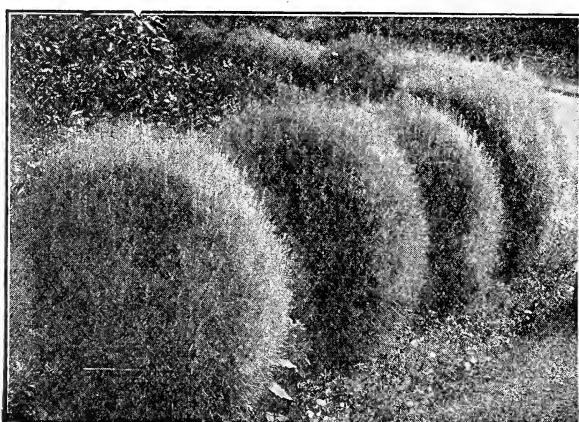
**LANTANA**—Shrubby plants with verbena-like flowers in shades of red, white and yellow. Pkt., 5c.

**LARKSPUR** (*Delphinium*) **Giant Hyacinth-Flowered**—3 feet. Derives its name from the striking resemblance of the flowers to a double Hyacinth. Colors both brilliant and delicate. Mixed colors. Pkt., 5c.

**LATHYRUS LATIFOLIUS** (*Hardy Everlasting Pea*)—One of the best and most desirable flowering hardy climbers, attractive both in flower and foliage growing to a height of eight to ten feet and producing clusters of large showy flowers the entire summer. Fine for cutting, lasting well. Pkt., 5c.

**LINARIA** (*Kenilworth Ivy*)—Flowers lavender and purple. A charming, small, hardy perennial, trailing plant, suitable for baskets, vases, pots and rock work. Pkt., 5c.

**LINUM** (*Scarlet Flax*)—One of the most brilliantly colored of summer annuals, flowers glowing scarlet. Pkt., 5c.



Kochia or Burning Bush

**LOBELIA**—Annual plants of dwarf, compact growth, 4 to 6 inches in height, covered with numerous small star-like flowers. Pretty house plants.

**Crystal Palace (Compacta)**—6 inches. Deepest blue. Pkt., 5c.

**Trailing Lobelia**—A dwarf plant of trailing habit; splendid for porch boxes, hanging baskets and vases. Deep blue flowers and dark foliage. Pkt., 5c.

**LUPINUS POLYPHYLLUS**—A valuable race of perennial Lupines, giving an abundance of long spikes of delicate scented flowers in June and July. Clear blue. Height 3 feet. Mixed colors. Pkt., 5c.

**LYCHNIS CHALCEDONICA**—A most desirable hardy plant, bearing heads of brilliant orange-scarlet flowers in June and July. Perhaps no class of plant has more names of which the following is but a partial list: Jerusalem Cross, Lamp Flower, Maltese Cross, Ragged Robin, etc. Height 2½ feet. Pkt., 5c.

**MARIGOLD**—The Marigolds are old favorites, free-flowering annuals of easy culture. They light the garden with a glitter of yellow far into the frosts of autumn.

**African**—Immense flowers, double, all shades of yellow. Pkt., 5c.

**French**—Dwarf grower; double flowers, rich golden yellow marked with velvety brown. Pkt., 5c.

**MATRICARIA (Feverfew) (Alba Plenissima)**—3 feet. Neat, small, double white flowers, well adapted for bedding and cutting. They are in our latitude are treated best as biennials or annuals. Pkt., 5c.

**MESEMBRYANTHEMUM** (*Ice Plant*)—Suitable for rock work, hanging baskets, etc. Foliage thick, frosted wax-like white flowers. Pkt., 5c.

**MIGNONETTE**—A universal favorite on account of its sweet and delicate fragrance. The massive spikes are closely set with large highly colored and very fragrant florets. Pkt., 5c.

**MIMOSA** (*Sensitive Plant*)—A curious and pretty plant with pinkish white flowers; the leaves close and droop at the slightest touch at night. Pkt., 5c.

**NASTURTIUM** (*Dwarf or Tom Thumb*)—A bed of Dwarf Nasturtiums in the yard is very brilliant and attractive, blooming all the season. 1 foot high.

**Beauty**—Scarlet, splashed with canary. Pkt., 5c.

**Chameleon**—Mottled crimson, bronze and yellow. Pkt., 5c.

**Golden Queen**—Leaves golden-green, flowers orange yellow. Pkt., 5c.

**King of Tom Thumbs**—Deep scarlet. Pkt., 5c.

**Crystal Palace Gem**—Sulphur with maroon spots. Pkt., 5c.

**Scarlet**—Pkt., 5c.

**Golden King**—Deep yellow flowers. Pkt., 5c.



Nasturtium

### Griswold's Special Dwarf Nasturtium Mixture

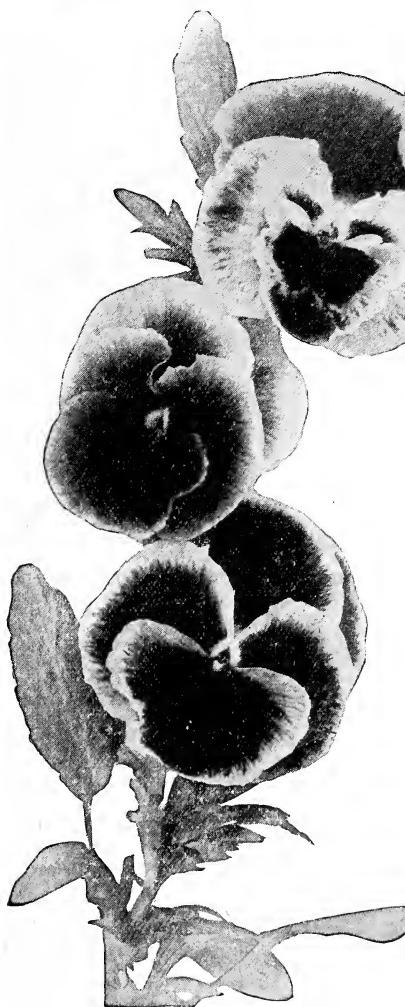
Will give a large variety of colors in even proportions. It is made up from named sorts, and also contains some of the Liliput Nasturtium and of the Dwarf Chameleon, which have the richest and most varied combination of colors ever produced. Pkt. 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75; postpaid.

### TALL NASTURTIIUMS—(See page 52.)

**NICOTIANA, Affinis** (*Tuberose-flowered Tobacco*)—Deliciously fragrant, large white star-shaped flowers; open at evening and early morning; easily grown, blooms freely in the house. 2 to 3 feet. Pkt., 5c.

**Sanderae**—Sweet-scented, brilliant red flowers on sturdy, bushy plants 2 feet high; grows readily from seed. Pkt., 5c.

**NIGELLA** (*Love in a Mist or Devil in a Bush*)—Miss Jekyll. These plants are vigorous and give an abundance of double flowers of the clearest blue, contrasting most charmingly with the fine fern-like foliage. Pkt., 5c.



Pansy

**PHLOX (Drummondii)**

Sown in the open ground during April and May, they produce a perfect blaze of brilliant colored flowers until cut down by frost. The richness of color and the profusion with which the flowers are produced make them indispensable for massing in beds and borders. Thrives in almost any situation. For masses of separate colors or for bouquets they are unsurpassed. 1 foot high.

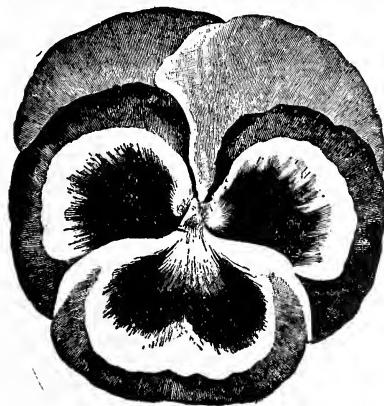
**Scarlet**—Very showy. **Pkt., 5c.**

**Alba**—Pure white. **Pkt., 5c.**

**Rosy Chamois**—Beautiful shade of rose. **Pkt., 5c.**

**Extra Choice Mixed**—Best large flowered. **Pkt., 5c.**

**Starred and Fringed**—Very dwarf flowers fringed and distinctly edged with white. **Mixed. Pkt., 5c.**



Triumph of the Giants

**Triumph of the Giants**—The plants distinguish themselves by their robust growth, forming compact, round plants with strikingly large, healthy-looking foliage. The enormous, imposing flowers are borne on long vigorous stalks which surmount the foliage in a most graceful manner. The individual petals are exceedingly broad and cover each other in such a manner as to make the flowers appear almost double. With most of the flowers the border of each petal is conspicuously undulated and curled, which gives the flowers a very striking appearance; the beauty, brilliancy and richness of color is the most striking. The mixture contains very rare and new tones of red and brown; it is the best mixture of Pansies possible to secure. **Mammoth Pkt., 25c.**

**Mammoth Butterfly**—The flowers are very large, of good form and substance and produced freely. In colorings they are varied, seldom two alike in a hundred plants. They are mottled and spotted. **Pkt., 15c.**

**Masterpiece (Giant Curled)**—The fluted petals make the enormous flowers appear double. The colors and combinations are odd and striking. **Pkt., 20c.**

**Finest Mixed**—A mixture of the best sorts and colors. **Pkt., 5c.**

**Superb Mixed**—An extra good quality. **Pkt., 10c.**

**Special Giant Mixture**—An excellent combination of fancy strains, selected with a view to being as near perfection as possible. **Pkt., 10c.**

**Odier**—Flowers of immense size, and are of the popular Odier type, being all three or five spotted on background of very rich colors. The flowers are of good substance and fine form, of most compact growth. **Pkt., 10c.**

**Fancy Striped**—A beautiful variety from Belgium, with good sized flowers striped and mottled in various tints on contrasting ground colors. **Pkt., 10c.**

**Bugnot**—Shades of red and bronze. Brightest cardinal and reddish brown. **Pkt., 10c.**

**Giant Snow Queen**—Flowers of a delicate, pure satiny white, handsome and attractive. It shows finely in beds or for cut flower work, and beautifully for cemetery use. **Pkt., 10c.**

**Giant King of Blacks**—Beautiful black. **Pkt., 10c.**

**Giant Emperor William**—Brilliant ultramarine blue with a purple violet eye. **Pkt., 10c.**

**Giant Cardinal**—Brilliant red. **Pkt., 10c.**

**Giant Goldelse—Yellow.** **Pkt., 10c.**

**Giant Bronze**—Shade of bronze. **Pkt., 10c.**

**Giant Cardinal**—Brilliant red. **Pkt., 10c.**

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**Giant King of Blacks**—Beautiful black. **Pkt., 10c.**

**Giant Emperor William**—Brilliant ultramarine blue with a purple violet eye. **Pkt., 10c.**

**PANSIES**

One of the most interesting classes of flowers grown. A bed of pansies in bloom always has something new for you in variety of color and marking, every time you visit it, although they are in bloom continuously from early spring until late in the fall.

The seed may be sown in the hot-bed or open ground. Keep the soil moist. They prefer a shady place. Do not let the plants seed if you wish to keep them in bloom. If sown in the fall, pansies will bloom very early in the spring.

**Started Plants**—Mixed colors in bud and bloom. **Per doz., 75c; postpaid.**

**Giant Adonis**—Light blue. **Pkt., 10c.**

**Giant Atropurpurea**—Dark purple. **Pkt., 10c.**

**Giant Bronze**—Shade of bronze. **Pkt., 10c.**

**Giant Cardinal**—Brilliant red. **Pkt., 10c.**

**Giant Goldelse—Yellow.** **Pkt., 10c.**

**Giant King of Blacks**—Beautiful black. **Pkt., 10c.**

**Giant Emperor William**—Brilliant ultramarine blue with a purple violet eye. **Pkt., 10c.**

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**Giant Emperor William**—Brilliant ultramarine blue with a purple violet eye. **Pkt., 10c.**

**Giant Cardinal**—Brilliant red. **Pkt., 10c.**

**Giant Goldelse—Yellow.** **Pkt., 10c.**

**Giant Bronze**—Shade of bronze. **Pkt., 10c.**

**Giant Cardinal**—Brilliant red. **Pkt., 10c.**

**Giant Goldelse—Yellow.** **Pkt., 10c.**

**Giant King of Blacks**—Beautiful black. **Pkt., 10c.**

**Giant Emperor William**—Brilliant ultramarine blue with a purple violet eye. **Pkt., 10c.**

**Giant Cardinal**—Brilliant red. **Pkt., 10c.**

**Giant Goldelse—Yellow.** **Pkt., 10c.**

**Giant King of Blacks**—Beautiful black. **Pkt., 10c.**

**Giant Emperor William**—Brilliant ultramarine blue with a purple violet eye. **Pkt., 10c.**



Phlox



## PETUNIAS

Very popular for their rich coloring, continuation of bloom, pleasant fragrance, and easy culture. Can be sown in the open border in full sun or partial shade. Transplant easily. 1½ feet high.

**General Dodds**—Beautiful; velvety, dark red. Pkt., 10c.

**Howard's Star**—Rich, velvety, maroon with white blotch on each petal. Pkt., 10c.

**Snowball**—Pure snowy white. Pkt., 10c.

**Giant Ruffled and Fringed, Single**—The flowers are exquisitely ruffled or frilled, of immense size, and of great variety of colors. Pkt., 15c.

**Double Mixed**—Sure to produce a good percentage of double flowering plants. Pkt., 20c.

**Single Mixed**—Extra choice. Pkt., 5c.

**POPPIES**—Poppies are noted for their satiny flowers of silk-like texture in many brilliant color combinations. The foliage is delicate and the blossoms are airily poised on slender stems. Sow the seed where the plants are to grow, as they do not bear transplanting.

**Iceland (Hardy Perennial)**—Elegant free flowering plants, bearing flowers in abundance all summer. Single or Mixed. Pkt., 5c.

**Oriental**—Hardy perennial of very striking colors, beautiful large flowers. Pkt., 5c.

**Shirley**—Pink, carmine and brilliant crimson; many edged with white; single and half double, splendid. Pkt., 5c.

**Tulip**—Cup-shaped, brightest scarlet with black spots at base of each petal. Single. Pkt., 5c.

**White Swan**—Immense double fringed flowers of purple white. Pkt., 5c.

**Carnation-Flowered, Mixed**—Brilliant, finely fringed double flowers of various colors. Pkt., 5c.

**Peony-Flowered, Mixed**—Splendid, large double flowers of all colors. Pkt., 5c.

**Single Mixed**—A fine mixture of the best single poppies. Pkt., 5c.

**POTULACA (Rose Moss)**—Forms masses of delicate green foliage covered with bright colored flowers somewhat resembling small roses. They thrive best in a rather rich, sandy soil and a sunny situation. Will stand any amount of dry weather.

**Single Mixed**—All colors. Pkt., 5c.

**Double Mixed**—Not all the plants will come double, but the single ones can be pulled out. Pkt., 10c.

**PRIMULA (Chinese Primrose)**—This is one of the most charming winter flowering house plants. Leaves are rich green and prettily cut, the star-shaped flowers stand well above the foliage in umbels and have a delicate odor peculiarly their own. Pkt., 15c.

**PENTSTEMON**—A large flowering, very attractive plant that blooms persistently during the entire summer. Very useful for cut flowers or for color masses in the garden. Forms large and beautiful flower spikes growing from 2 to 3 feet high. Pkt., 10c.



Petunia



Shirley Poppy

**PYRETHRUM (Golden Feather Parthenifolium Aureum)**—6 inches. One of the best plants for edging, grown for its beautiful yellow foliage. More successfully treated as an annual. Pkt., 5c.

**PYRETHRUM ROSEUM (Persian Daisy)**—Easy to grow and always in bloom. Their main season of blooming is in June. Cut off the flower stems after blooming, they will then bloom again. These are extremely showy. Height 2 feet. Pkt., 5c.

**RICINUS (Castor Bean) Zanzibarensis Mixed**—10 to 12 feet. The ornamental leaves, beautifully lobed, are 2½ to 4 feet across. Each plant makes a perfect pyramid of foliage thickly set from top to bottom. The difference between the varieties is in the coloring of the grand bamboo-like stems and the long slender leaf stalks. Pkt., 5c.

**SALPIGLOSSIS (Velvet Flower)**—Undoubtedly one of the most attractive annuals and should be in every garden. The blossoms are tube-shaped like a Petunia but rivaling the latter in the beautiful colors displayed. Each flower is veined with a glint of gold, and it is the only flower to our knowledge possessing this odd characteristic. Grows easily from seed. Plant in warm, rich soil, 1½ feet tall. Mixed pkt., 5c.

**SALVIA (Flowering Sage)**—Among the most brilliantly colored of garden flowers and extremely useful for bedding; also valuable for pot culture. Blossoms are borne in long spikes of fiery red and continue to bloom until severe frost. Start in house and transplant into light soil. Tender perennials two to three feet tall. Pkt., 10c. Started plants ready to bloom, \$1.50 per dozen, postpaid.

**SCABIOSA (Mourning Bride)**—Commonly known as the Pincushion Plant owing to the queer effect of the center of the flower. The outer petals making a ruffle around the cushion filled with pins, carry out the idea. The flower stems are long and the blossoms keep well in water. The soft shades predominate. 2½ feet.

**Tall German Double**—Mixed; all colors. Pkt., 5c.

**Black Prince**—Very double, rich dark maroon. Pkt., 5c.

**Snowball**—Elegant, white flowers, sure to be liked for vases and bouquets. Pkt., 5c.

**SCHIZANTHUS (Butterfly Flower)**—“The Poor Man’s Orchid,” pyramidal bushes covered with a multitude of small butterfly-like flowers of the most brilliant and striking color designs. 1 foot. Pkt., 5c.

**SENSITIVE PLANT**—(See Mimosa, page 48.)

## Griswold's Flower Garden Collection No. 5

Fifteen Large Packages for 50c Postpaid

It is difficult to select Flower Seeds which give the best and most pleasing effects unless one is familiar with their habits of growth, etc. The collection which we offer below is made up of the best and most popular varieties known.

1 pt. Alyssum (Little Gem)	1 pkt. Four o'Clock	1 pkt. Portulaca
1 pkt. Asters	1 pkt. Gaillardia	1 pkt. Salvia
1 pkt. Balsam (Lady Slipper)	1 pkt. Nasturtium	1 pkt. Sweet Peas
1 pkt. Bachelor's Button	1 pkt. Pansy	1 pkt. Verbena
1 pkt. Cosmos	1 pkt. Petunia	1 pkt. Zinnia

NOTE—PLEASE ORDER COLLECTION BY NUMBER.



Shasta Daisy

**SHASTA DAISY**—Remarkably large, semi-double daisies, 3 to 4 inches across, and pure white, with petals in two or more rows about a golden center. A hardy perennial plant, extra vigorous and maintains a fine show of fine flowers throughout the summer and autumn. **Pkt., 5c.**

**SMILAX**—One of the most desirable window vines on account of its charming, glossy green, elegant and graceful foliage. Sow seed in February and keep in moist place. **Pkt., 5c.**

**SNAPDRAGON**—(See Antirrhinum, page 44.)

**STOCK, Giant Perennial**—Very desirable because of its brilliancy of color, profusion and duration of bloom. Fragrant with large double rosette-like flowers. **Mixed. Pkt., 5c.**

**Princess Alice**—Snow white. Of branching habit. Very profuse bloomer especially if kept cut. **Pkt., 5c.**

**STOKESIA CYANEA (Cornflower Aster)**—Grows eighteen inches high bearing freely from early June until September; its handsome lavender-blue Cornflower-like blossoms which measure from four to five inches across are very showy. Hardy. **Pkt., 5c.**

**SUNFLOWER**—(See Helianthus, page 47.)

**SWEET ROCKET (Hesperis)**—Deliciously sweet-scented flowers for garden or cutting. Purple and white flowers. Hardy. **Pkt., 5c.**

## VERBENA

Free-flowering hardy annuals of low-spreading growth; flowers of the most brilliant colors. Sow them early and they will bloom profusely from June until winter.

**Defiance**—Best scarlet. **Pkt., 5c.**

**Alba**—Delicate white. **Pkt., 5c.**

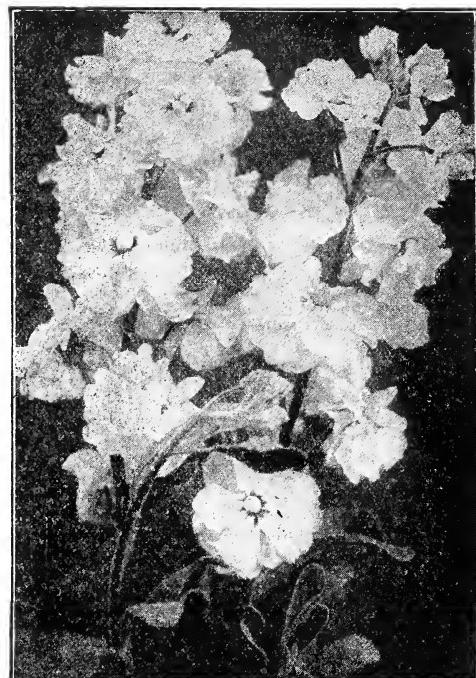
**Mayflower**—Delicate pink, very fragrant. **Pkt., 5c.**

**Hybrid Blue**—Blue shades. **Pkt., 5c.**

**Purple**—Purple shades. **Pkt., 5c.**

**Choice Mixed**—All colors. **Pkt., 5c.**

**VINCA (Periwinkle)**—Splendid house and bedding plant, with glossy leaves and circular flower. **Mixed. Pkt., 5c.**



Stock



Zinnia

## ZINNIA

Flowers all summer, making the most brilliant display possible. Plants are of strong branching growth with abundant dark-green foliage, each branch terminating in a bold showy flower. Excellent for border or summer hedge. Seeds grow easily and young plants transplant safely.

**Giant Flowering**—Plants of vigorous growth, about 3 feet high, bearing profusely their perfectly formed double flowers. **Mixed. Pkt., 5c.**

**Dwarf Fireball**—Glowing, brilliant scarlet. **Pkt., 5c.**

**Zebra, Striped**—Flowers striped with red and yellow. **Pkt., 5c.**

**White Gem**—Small, double white flowers. **Pkt., 5c.**

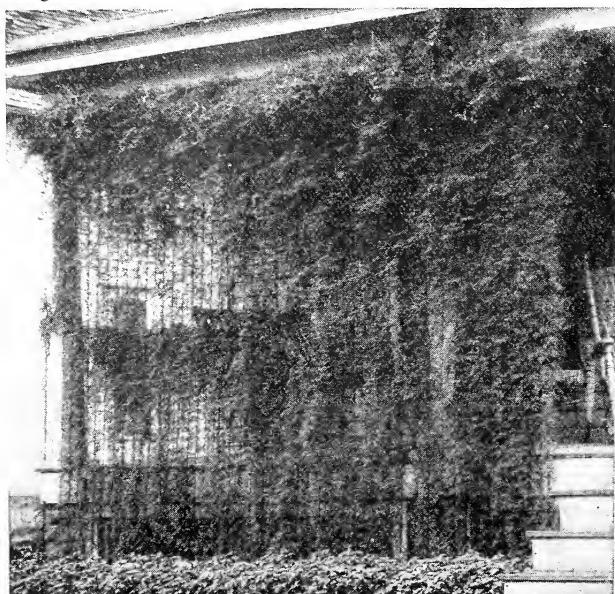
**Double Crested and Curled**—Flowers are large, the petals being twisted and curved into most graceful forms. Many brilliant shades. **Pkt., 5c.**

## BEST EVER

Johnston Co., Okla., Feb. 3, 1923.

Gentlemen: I am sending for some more seed from you as your seeds are better than I ever used. I had a fine garden last year and your seeds are well worth the money.

LEE U. HOFFART.



Cypress Vine

**GOURDS**—Desirable for many places where an immense amount of vine is wanted quickly, producing odd and interesting fruit. Most sorts grow 20 to 30 feet in a season.

**Dipper**—Makes an excellent dipper. Pkt., 5c.

**Dish Rag**—Many ladies prefer a dish cloth made of sponge-like lining of this gourd to anything else as it is always sweet and clean as long as any part of it is left. Pkt., 5c.

**Sugar Trough**—This gourd grows large, holding from 3 to 5 gallons. Very hard shell. Pkt., 5c.

**Nest Egg**—Resembling the eggs of hens; are uninjured by cold or wet, therefore make the best nest eggs. Pkt., 5c.

**Pear Shaped**—Striped yellow and green. Pkt., 5c.

**Mixed Gourds**—All of the above. Pkt., 5c.

**HUMULUS (Japanese Hop)**—A rapid growing climber of easy culture, leaves variegated. Sows itself after first year. Pkt., 5c.

**MOON FLOWER (Ipomoea Notiflora)**—One of the most vigorous climbers. Will grow 30 feet; its large waxy white flowers open evenings and cloudy days. The hard outer coat of the seed should be cut through with a knife and planted in warm, rich ground. Keep the soil moist. Pkt., 5c.

**MORNING GLORY (Convolvulus)**—The well-known kind. Mixed colors. Pkt., 5c.

**Japanese Giant**—The mammoth flowers of this vine run from 4 to 6 inches across and are marked with most beautiful colors and shadings. The vines are strong and robust, growing from 30 to 50 feet high during the season. Pkt., 5c.

**CLIMBING NASTURTIUM**—Ideal ramblers that readily climb fences or wire netting. These blossoms are larger and the stems longer than the Dwarf Nasturtiums. Mixed colors. Pkt., 5c; oz., 15c; 1/4 lb., 50c; lb., \$1.75; postpaid.

**King Theodore**—Rich, deep crimson; dark leaves. Pkt., 5c.

**Edward Otto**—Brownish lilac. Pkt., 5c.

**Jupiter**—Rich golden yellow. Pkt., 5c.

**Mme. Gunther's Hybrids**—Striped or blotched with shades of red, yellow and orange. Pkt., 5c.

**Pearl (Moonlight)**—Whitish. Pkt., 5c.

**Scarlet King**—Bright glowing red. Pkt., 5c.

**Vesuvius**—Bright salmon red. Pkt., 5c.

**DWARF NASTURTIA**—See page 48.

**PASSION FLOWER**—One of the best summer vines for general growing. The beautiful blue flowers somewhat resemble a water lily in shape. Pkt., 10c.

**WILD CUCUMBER**—A very rapid climber, often growing 30 feet in one season. It is covered with clusters of white, sweet-scented flowers, followed by ornamental prickly seed pods. Pkt., 5c; oz., 15c.

## CLIMBING VINES

**ADLUMIA CIRRHOSA (Allegheny Vine)**—15 ft. The feathery foliage is like the Maiden Hair Fern. Delicate rose pink and white flowers cover the plant. Pkt., 10c.

**ARISTOLOCHIA (Dutchman's Pipe)**—An ornamental climber with brownish flowers resembling a miniature pipe. A perfectly hardy perennial standing any climate where the oak lives. Pkt., 5c.

**BALLOON VINE (Love in a Puff)**—A rapid grower with fine white flowers followed by inflated seed pods resembling small balloons. Height 10 feet. Pkt., 5c.

**BALSAM APPLE AND PEAR**—Very rapid and dense climbers, with golden-yellow fruit which opens when ripe, showing the seed and blood-red inside. Mixed. Pkt., 5c.

**CANARY BIRD FLOWER**—A rapid growing, delicate vine with clean, handsome foliage and an abundance of canary-yellow blossoms, somewhat resembling a bird with half extended wings. An excellent climber for shady places. Pkt., 5c.

**CARDINAL CLIMBER**—We consider this a most beautiful, brilliant and distinct annual climber and rapid grower, attaining a height of 20 feet or more with beautiful deeply cut leaves not unlike some of the Japanese Maples and is literally covered with a haze of circular, fiery, cardinal red flowers from mid July to frost. The flowers are about half an inch in diameter and are borne in clusters of from 5 to 7 blossoms each; should be planted in warm, sunny situation on good soil. Pkt., 10c.

**CLEMATIS—Jackmanii Hybrids**—Large flowering. Mixed. Pkt., 10c.

**COBAEA**—A beautiful rapid-growing climber with large, purplish, bell-shaped flowers; plant the seed edge-wise, and cover lightly. Pkt., 5c.

**CYPRESS VINE**—A beautiful climber with a profusion of scarlet or white star-shaped blossoms and fern-like foliage adapted to ornamental work. Pkt., 5c.

**DOLICHOS (Hyacinth Bean)**—Splendid climber, producing abundant clusters of pea-like flowers, followed by ornamental seed pods. 10 to 20 feet. White, purple or mixed. Pkt., 5c.

### MIXED CLIMBERS

For those who desire vines to cover long stretches of fence, etc., we have a mixture of 12 or more varieties of annual climbers. Pkt., 5c; 20c per half oz.; 35c per oz.

## STANDARD FLOWER POTS AND SAUCERS

Sent by Express or Freight

We pack these carefully, but cannot be responsible for breakage in transit.

Flower Pots			Saucers			
	Each Doz.	100		Each	Doz.	
2 inch....	\$0.03	\$ 0.25	\$ 1.50	3 inch....	\$0.03	\$0.03
3 inch....	.04	.40	2.65	4 inch....	.04	.40
4 inch....	.06	.55	4.15	5 inch....	.06	.55
5 inch....	.10	1.00	7.50	6 inch....	.08	.75
6 inch....	.15	1.50	10.85	7 inch....	.10	1.00
7 inch....	.22	2.85	18.00	8 inch....	.14	1.35
8 inch....	.30	3.45	25.50	9 inch....	.20	1.88
9 inch....	.50	5.25		10 inch....	.30	2.65
10 inch....	.70	7.15		12 inch....	.50	4.50
12 inch....	1.30	14.25				

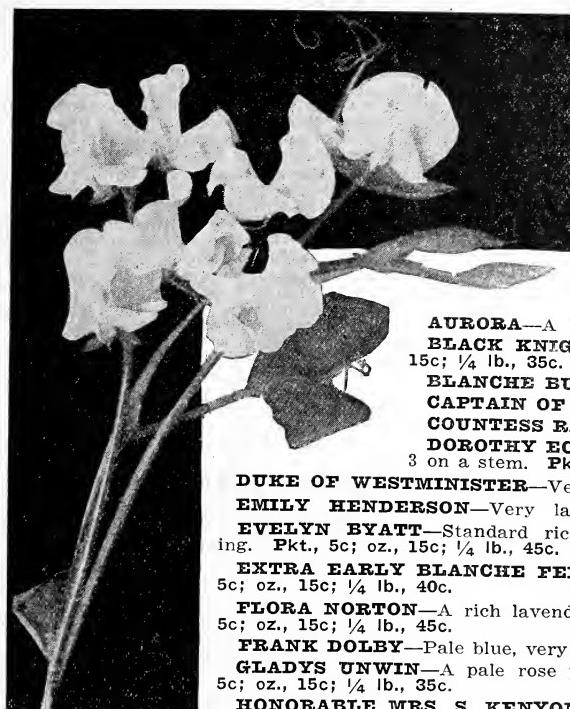
### PAPER FLOWER POTS

Neponset Waterproof Paper Flower Pots are made from a tough lasting and thoroughly waterproof paper. The pots may be used over and over again for transplanting and similar purposes. They are ideal for rooting vegetable plants if you want extra early vegetables.



### PRICES POSTPAID

Doz.	Per 100
2 1/4 inch .....	\$0.15 \$0.75
3 inch .....	.25 .35
4 inch .....	.35 2.00



## SWEET PEAS

**S**WEET Peas are among the most beautiful of all our hardy annuals. Select a sunny open place, several feet from any building or close fence, and as far as possible from large trees. Sow as early in the spring as the ground can be worked. Make a trench 6 or 8 inches deep, but cover the seed only about an inch as they come up, rake the dirt around the little plants, so that by the time they have reached the top of the ground, the trench will be almost full. Furnish support early. Give them plenty of water, and keep the blossoms picked closely. If they produce seed pods, they will stop blooming.

### Large Flowering and Unwin Types EARLY FLOWERING VARIETIES

**AURORA**—A beautiful orange rose. Pkt., 5c; oz., 15c; 1/4 lb., 35c.  
**BLACK KNIGHT**—Deep maroon, veined black; large and open. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

**BLANCHE BURFEE**—Large, pure white. Pkt., 5c; oz., 15c; 1/4 lb., 35c.  
**CAPTAIN OF THE BLUES**—Purple and Blue. Pkt., 5c; oz., 15c; 1/4 lb., 35c.  
**COUNTESS BADNOR**—A new lavender, very fine. Pkt., 5c; oz., 15c; 1/4 lb., 45c.  
**DOROTHY ECKFORD**—Pure white flower, beautifully shell-shaped; extra large, 3 on a stem. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

**DUKE OF WESTMINISTER**—Very rich purple tinted with violet. Pkt., 5c; oz., 15c; 1/4 lb., 35c.  
**EMILY HENDERSON**—Very large, beautiful white. Blooms early. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

**EVELYN BYATT**—Standard rich orange salmon, wings a somewhat deeper shade. Very striking. Pkt., 5c; oz., 15c; 1/4 lb., 45c.

**EXTRA EARLY BLANCHE FERRY**—Standard rose pink wings, creamy white; very early. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

**FLORA NORTON**—A rich lavender, entirely free from pinkish tinge—almost a bright blue. Pkt., 5c; oz., 15c; 1/4 lb., 45c.

**FRANK DOLBY**—Pale blue, very large and fine. Pkt., 5c; oz., 15c; 1/4 lb., 45c.

**GLADYS UNWIN**—A pale rose pink, very large bold flowers on long stems. Very early. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

**HONORABLE MRS. S. KENYON**—Beautiful primrose. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

**KATHERINE TRACY**—A lovely pink. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

**LORD NELSON**—Navy blue. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

**LOTTIE ECKFORD**—White, edged with blue. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

**LADY GRISSEL HAMILTON**—A very light, dainty lavender. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

**LOVELY**—A soft shell pink. Very good. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

**MISS WILMOTT**—One of the richest orange-pink sweet peas. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

**NAVY BLUE**—Dark indigo blue. Large and well formed. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

### Spencer or Butterfly Varieties

#### LATER FLOWERING VARIETIES

**APPLE BLOSSOM**—Heavily shaded and edged with deep pink, rose and white. Pkt., 10c; oz., 30; 1/4 lb., 90c.

**BLANCHE FERRY**—Carmine rose, pinkish white wings. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**BURPEE'S WHITE SPENCER**—Extra long stems bearing 3 or 4 pure white blossoms. Standard fluted. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**COUNTESSE SPENCER**—Enormous flowers delicate pink shading deeper at the edges. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**FLORENCE NIGHTINGALE**—Delicate lavender, shaded rose pink. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**HELEN LEWIS SPENCER**—Orange-rose wings with crimson standard. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**ILLUMINATOR**—Glowing cerise-salmon with an indication of bright orange. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**KING EDWARD VII**—Grand large flowers of a rich crimson scarlet. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**KING WHITE**—Produces gigantic flowers, absolutely pure white. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**MARGARET ATLEE**—Rich glowing pink on cream ground, suffused with salmon. Wings are pleasing shade of rose and salmon. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**MARGARET MADISON**—A clear azure blue. Flowers of good size and substance gracefully carried on a fine stem. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**MRS. CUTHERBERTSON**—Beautifully shaded rose and white. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**MRS. ROUTZAHN**—Apricot pink and straw color. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**ORCHID**—A soft, clear, rich lavender. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**OTHELLO**—Chocolate-red, self-colored. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**PRIMROSE SPENCER**—Pure primrose. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**SENATOR SPENCER**—Red, brown and gray striped. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**VERMILION BRILLIANT**—The wings are of intense pure scarlet, making a uniform self-color throughout. This is by far the most intense self-scarlet in existence. The bold flowers are of large size and almost sunproof. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

**WEDGEWOOD**—The best blue Spencer. It is a unique shade of clear, lovely blue. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

### Sweet Pea Mixtures

**LIGHT SHADES (Mixed)**—White to deep pink. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.50.

**DARK SHADES (Mixed)**—Brightest rose to dark scarlet. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.50.

**SPECIAL MIXED**—A well proportioned mixture of the above named varieties. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.50.

**CHOICE MIXED**—A good mixture of many old and new varieties. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 85c.

**SPENCER VARIETIES**—Choice mixed. Pkt., 5c; oz., 20c; 1/4 lb., 65c; lb., \$2.50.

## HARDY PERENNIAL PLANTS



Coreopsis

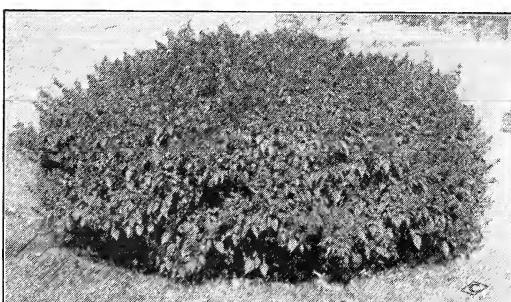
**FEVERFEW (Little Gem)**—A most useful, hardy border plant and valuable summer cut flower, with large, double, white flowers. Blooms June until October. Price: 25c each; postpaid.

**GYPSOPHILIA (Baby's Breath)**—A beautiful, old-fashioned plant possessing grace not found in any other perennial. When in bloom during July and August, it forms a symmetrical mass 2 to 3 feet in height, and as much through, of miniature pure white flowers forming a beautiful gauze-like appearance. When cut, it is exquisite in combination with other flowers. Price: 25c each; postpaid.

**ORIENTAL POPPY**—The fiery, scarlet flowers of these hardy perennials far surpass in splendor or bloom the annual or biennial kinds, and have a glorious display of rich and brilliant color; nothing equals them during the period of blooming during May and June. They are of easy culture, growing well in almost any kind of soil. Price: 25c each; postpaid.

**PLATYCODON**—These hardy perennials form a neat, branching bush of upright habit, growing 2 to 2½ feet in height, and producing very attractive blue flowers from July to October. Price: 25c each; postpaid.

**PYRETHRUM ROSEUM (Painted or Persian Daisy)**—Easy to grow and always in bloom. Their main season of blooming is in June. Cut off the flower stems after blooming, they will then bloom again. These are extremely showy. Height 2 ft. Price: 25c each; postpaid.



Salvia

**PLANTS** of this class are perfectly hardy in the open ground; they die down to the ground but only to the ground in the winter; once planted they are a lasting pleasure. Failure with them is practically impossible. Orders should reach us by April 15th though in some seasons we can continue to supply this stock up to May 1st. For seeds of these perennials, see pages 43 to 52.

**ANCHUSA ITALICA (Dropmore Variety)**—An early summer flowering perennial. Rich gentian blue. The plants are branched, growing 3 to 4 feet high; each branch terminated by a large, pyramidal, graceful spike of blue flowers. Of easy culture in any good garden soil and sunny position. Very effective either in solid beds or in the hardy border. Price: 25c each; postpaid.

**AQUILEGIA (Columbine)**—The Columbines are one of the most elegant and beautiful of the hardy plants, producing their graceful spurred flowers on stems rising 2 feet or more above the beautifully divided foliage. Single or mixed colors. Price: 25c each; postpaid.

**BLEEDING HEART (Dicentra)**—Bleeding Heart, the popular name of the Dicentra, is derived from the curious heart-shaped blossoms with the drop of blood below. These fine, hardy perennials were great favorites in the old gardens. Fine for the border or margins of shrubbery. In the spring these plants bear beautiful heart-shaped flowers of a light red color. The stems grow 18 to 24 inches high, with abundant deeply cut leaves of light green color. Price: 75c each; postpaid.

**COREOPSIS LANCEOLATA GRANDIFLORA**—This is one of the finest of hardy plants, with large showy bright yellow flowers, produced in the greatest abundance from June until frost. As a cut flower they stand very near the head. Have long stems and last a long time. Height 3 feet. Price: 25c each; postpaid.

**DIANTHUS PLUMARIUS**—Double hardy garden pinks. Double and semi-double varieties in an assortment of perfect colors. Price: 25c each; postpaid.

**DELPHINIUM OR LARKSPUR**—Indispensable to the herbaceous garden, their long showy spikes of flowers persist from June until frost and furnish the most satisfactory blues to any color scheme. All Delphiniums are pot grown. Mixed colors. Price: 25c each; postpaid.

**GAILLARDIA GRANDIFLORA (Blanket flower)**—One of the showiest hardy plants, growing about two feet high and succeeding in any soil in a sunny position; beginning to flower in June, they continue the entire season. The large flowers are of gorgeous coloring. The center is dark-red brown, while the petals are marked with rings of brilliant crimson orange and vermillion, and often a combination of all in one flower; excellent for cutting. Price: 25c each; postpaid.



Platycodon



Oriental Poppy

**SALVIA AZUREA (Meadow Sage)**—A hardy perennial, grows 3 to 4 feet high, producing in August and September pretty sky-blue flowers in the greatest profusion. Price: 25c each; Postpaid.



## HARDY PERENNIAL PLANTS—Continued

**SHASTA DAISY** (Alaska)—Remarkably large, semi-double daisies, 3 to 4 inches across and pure white, with petals in two or more rows about a golden center. The plant is extra vigorous and maintains a fine show of great flowers throughout the summer and autumn. Price: 25c each; postpaid.

**STATICE** (Sea Lavender)—A most valuable plant either for the border or rockeries, with tufts of leathery leaves; immense heads, frequently 1½ to 2 feet across, of perfectly blue, minute flowers in July and August; these, if cut and dried, last in perfect condition for months. Price: 25c each; postpaid.

**SWEET WILLIAM**—The varieties we offer are an improvement on the old-fashioned kinds, inasmuch as the colors and size of the flowers are very superior, being grown from select seed. Excellent border plants and fine for cutting. Mixed colors. Price: 25c each; postpaid.

## PEONIES

## "ARISTOCRAT OF FLOWERS"

The wonderful improvements made during recent years in these old-fashioned hardy plants has brought them into renewed popularity. The gorgeous flowers, which rival the finest roses in size, form and color, are produced in great abundance.

**ALEXANDRE DUMAS**—A very pretty pleasing multicolor sort. Brilliant pink crown interspersed with white, salmon and chamois. Extra. 60c each; postpaid.

**EDULIS SUPERBA**—Large dark pink; even color; strong grower; very free and strong bloomer; fragrant; one of the earliest. Price: 60c each; postpaid.

**FELIX CROUSSE**—Large, globular, brilliant red flowers. A strong, vigorous grower of medium height. One of the best. \$1.00 each; postpaid.

**FESTIVA MAXIMA**—This is not only the finest white in existence, but many regard it as the queen of all the peonies. A grand cut flower variety, coming into bloom usually for Decoration Day. 60c each; postpaid.

**GOLDEN HARVEST**—A most striking variety, producing large, tri-colored blooms. The guard petals are blush pink with creamy white center. It combines cream, gold, white, pink, salmon, peach and apricot. The total color ef-



Felix Crouse



Shasta Daisy

fect of the flower being creamy pink; strong, delicate fragrance. 85c each; postpaid.

**LOUIS VAN HOUTTE**—Fine shapely bloom of dazzling red; an old favorite. 60c each; postpaid.

**MARECHAL VALLIANT**—Immense globes of light red with shades of mauve. At Chicago show in 1905 it won the first prize for best red. 65c each; postpaid.

**RUBRA SUPERBA**—Magnificent rich brilliant deep crimson without stamens. Very large, full and double, and very late; always come perfect blooms. Very free bloomer. The past year it bore more blooms than any other variety we had. 75c each; postpaid.

## Beautify Your Home With Flowers

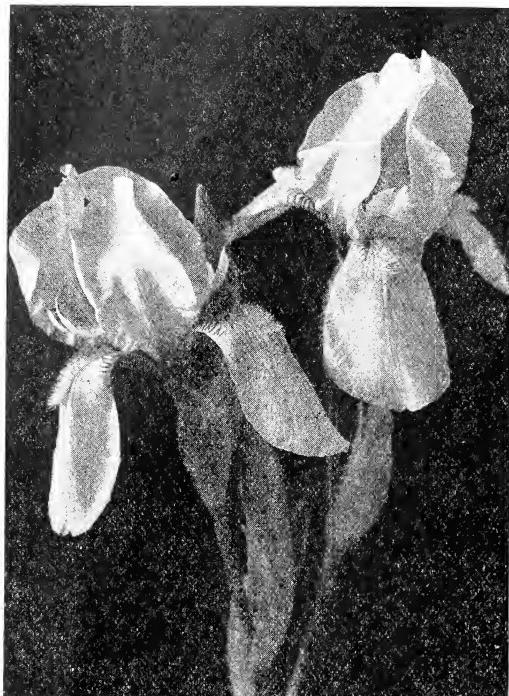
We want to see flowers in abundance around every home, no matter whether it be a town home or a farm home. Our special low-priced flower seeds and Collections are a good starter. Our Rose, Geranium and Chrysanthemum Collections and the plants named in the rest of this catalog will surround your home with beautiful flowers. Even if you can't go all the way this year, make a start at least towards beautifying home surroundings in 1924.



Festiva Maxima

## FALL BULBS

In September of each year we import from Holland a large shipment of Fall Bulbs. These should be planted any time from the middle of September until the ground freezes. This list includes bulbs for outdoor planting and for planting in the house. Write for our illustrated Bulb Catalog, which will be ready about August first.



Queen of May

**PHLOX**

This is one of the most easily grown hardy perennials, and the large number of beautiful varieties now offered make it especially desirable. These noble flowers are not only beautiful as individuals, but the cheerful appearance of our gardens during the summer and autumn months is much indebted to them. Price: 30c each; any 6 for \$1.50; 12 for \$2.75; postpaid.

**ALCESTE**—Deep violet, shading almost to blue.

**ATHIS**—Deep, clear salmon. Some claim this to be the showiest variety in cultivation.

**CONSUL H. FROST**—Deep rose color; large white eye.

**L'ESPERANCE**—Clear rosyl-lilac; large white eye distinctly rayed; large florets; an even bloomer.

**LOTHAIR**—Clear even carmine, deep crimson eye.

**MISS LINGARD**—Pearly-white flower, with a very faint pink eye; very remarkable bloomer producing two to three crops of flowers during the season.

**PANTHEON**—Large, clear, deep, bright pink, with faint halo; a charming variety.

**R. P. STRUTHERS**—The very best Phlox grown today. Color clear cherry-red suffused with salmon shades; deep red eye; fine large truss.

**MIXED SEED**—Pkt., 5c.

We catalog the leading perennials. Make up a complete list from our assortment for your hardy flower garden.

## IRIS, FLEUR DE LIS (*Iris Germanica*)

No other flower has so many combinations of color, especially of delicate and unusual shades. They are absolutely hardy, as beautiful in form, texture and coloring as any Orchid, and many are delightfully fragrant. They are not particular as to the soil: will grow where anything will, but do better in well-drained locations. There is nothing prettier than Iris, blooming from May 10th to June 10th.

**FLORENTINA ALBA**—Creamy-white, faintly flushed lavender; fragrant and early. This is the Iris root of commerce, being used for the manufacture of toilet powder. The roots are delicately perfumed. Plants, 25c each.

**HONORABLE (Sans Souci)**—Standards golden-yellow, falls rich mahogany-brown; very effective. Plants, 25c each.

**INNOCENZA**—Standard and falls white; crest rich golden-yellow; a very delicate and showy effective flower. Plants, 25c each.

**MADAME CHEREAU**—Standard and falls white, elegantly frilled with a wide border of clear blue; very beautiful. Plants, 25c each.

**PALLIDA DALMATICA (Heavenly Blue)**—Standard delicate lavender, falls clear deep lavender; flowers very large and extra fine. Plants, 40c each.

**PURPLE PRINCE**—Standard intense deep violet-blue; falls velvety dark purple; exceedingly rich and striking. Plants, 25c each.

**QUEEN OF MAY**—A lovely shade of rosyl-pink, tinted with lilac; beautiful. Plants, 30c each.

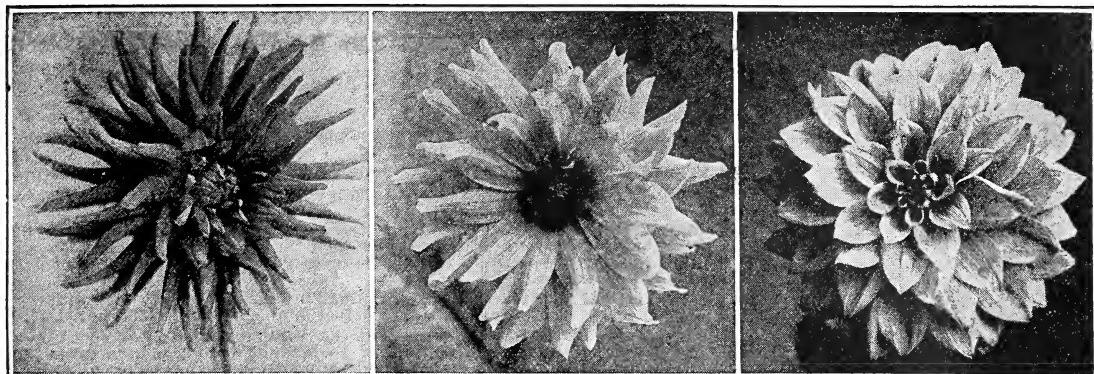
**SPECIAL OFFER!**  
One each of the  
above seven Iris for  
\$1.40, postpaid.



Florentina Alba



Phlox



## SUMMER FLOWERING BULBS

**P**LANT in deep, rich soil, when the ground becomes warm. For earliest flowering the tender bulbs may be started in the house. For succession of bloom, plant up to June 1st. After fall frost, lift the bulbs, let them dry and then removing the tops, store in a cool, dry place, away from frost, planting early in the spring.

### CANNAS



CANNAS

The most popular decorative plant of the day. The earth should be spaded deeply and well enriched. After planting water sparingly until the plants have taken root and show good leaf growth.

Write for special low prices in large quantities.

**BUTTERCUP**—4 feet. Green foliage, flowers of large size, rich canary yellow. 10c each; \$1.00 per doz.; postpaid.

**CHAS. HENDERSON**—4 feet. Green foliage, fine for bedding. Compact, vigorous growth; free bloomer, deep rich crimson. 10c each; \$1.00 per doz.; postpaid.

**DUKE OF MARLBOROUGH**—5 feet. Green foliage, very large, bright red flowers. 10c each; \$1.00 per doz.; postpaid.

**FLORENCE VAUGHAN**—5 feet. Dark green foliage, yellow flowers dotted with bright red. A fine bedder. 10c each; \$1.00 per doz.; postpaid.

**HUNGARIA**—3½ feet. The best pink canna. Very compact, almost dwarf, of a very luxuriant growth. Leaves bluish green. Flower trusses of enormous size, borne well above the foliage, with immense petals. Color purest La France pink, with satin sheen. 25c each; \$2.50 per doz.; postpaid.

**KING HUMBERT**—4 feet. Giant orchid flowering, orange scarlet. Foliage is bronze, thick and leathery. 12c each; \$1.25 per doz.; postpaid.

**MADAME CROZY**—3½ feet. Green foliage. Large vermilion flowers with gold border. 10c each; \$1.00 per doz.; postpaid.

### DAHLIAS

**PRICE: ALL VARIETIES, 25c EACH; 3 FOR 65c; \$2.50 PER DOZ.**

Large, symmetrical double flowers having broad petals in-curving at the center. Bloom from August to freezing weather.

**A. D. LIVONI**—Show pink; very pleasing color, petals quilled.

**DELICE**—Decorative. A new dahlia, greatly prized because it is a new shade. The best pure, bright rose pink. Entirely distinct, beautiful form.

**JACK ROSE**—Decorative. In color resembles the Jacqueminot rose. Very popular because of its brilliant, deep red color. Profuse bloomer and splendid for cutting purposes.

**ROBERT BROOMFIELD**—Show. Pure white. One of the best; tall grower.

**SYLVIA**—Decorative. Very lovely shade of mauve pink, shading with white in the center. A fine flower on a vigorous plant.

**WILLIAM MILLER**—Decorative. Brilliant purple. A very good variety.

**YELLOW DUKE**—Decorative. Canary yellow; quilled petals. A giant flower on a long stem.

**MIXED**—All colors. 20c each; \$2.00 per doz.; postpaid.

**DAHLIA SEED**—Single or double. Pkt., 5c; postpaid.

### LILY OF THE VALLEY

Bearing slender stems set with tiny white bells, delightfully fragrant, do well in shady situations. Flowers each summer without any attention. 5c each; 6 for 25c; 45c per doz.; postpaid.

### CALADIUM ESCULENTUM (Elephant's Ear)

For illustration see page 58.

Fine tropical plant, bearing immense leaves. Start as directed for Cannas; when growing you cannot make the soil too rich or keep it too wet. 25c each; 2 for 40c; postpaid.

### TUBEROSE

A beautiful white wax-like, very sweet-scented double flower growing on tall stems. 5c each; 50c per doz.; postpaid.

Lily of the Valley





Caladium

**PRINCEPS**—The \$1,000 Gladiolus. Flowers are 5 to 7 inches broad, petals wide and rounded, forming an almost circular flower. The color is brilliant crimson, with white blotches on the lower petals. Spikes 4 feet in height; produce 12 to 15 flowers. 10c each; \$1.00 per doz.; postpaid.

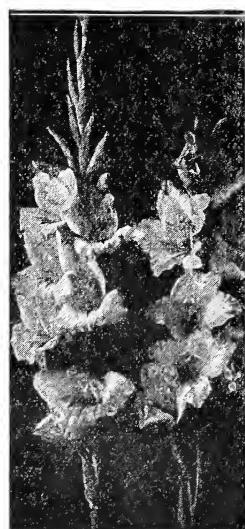
**SCHWABEN**—A variety of extreme vigor, many of the bulbs producing two or three flowering stalks which very often produce side branches besides. The stalk produces about 20 very large flowers, 6 to 8 usually open at one time. The color is the best, of clear canary yellow, shading to a soft sulphur yellow when opening. 12c each; \$1.25 per doz.; postpaid.

**WAR**—Deep red of brilliant color. Extra large, open flowers. 15c each; \$1.50 per doz.; postpaid.

**GRISWOLD'S SPECIAL MIXED**—All colors and varieties. Every one a beauty. 4c each; 40c per doz.; postpaid. 50 for \$1.60; 100 for \$3.00 by express at buyer's expense.

## TENDER VINES AND CLIMBERS

**MOON FLOWER** (*Ipomoea Notiflora*)—One of the most vigorous climbers. Will grow 30 feet; its fragrant large waxy white flowers open evenings and cloudy days. Fine strong plants, 30c each; 3 for 50c.



Gladioli

**GERMAN or PARLOR IVY**—A rapid-growing plant, well adapted for training in the parlor. Leaves glossy green and flowers yellow, borne in clusters. Price: 15c each.

**SMILAX**—A lovely house vine. Price: 15c each.

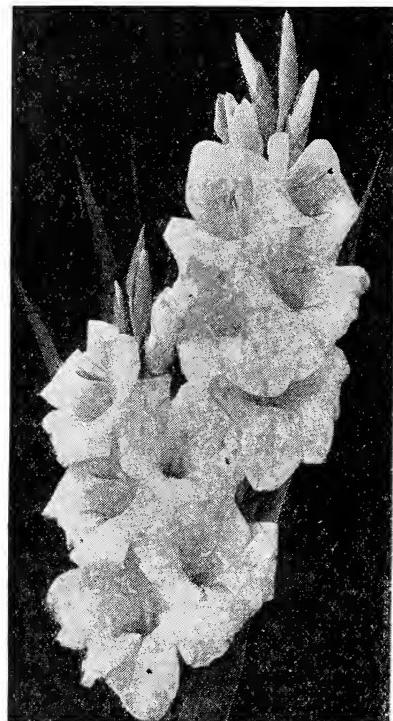
**TRADESCANTIA (Wandering Jew)**—Fine for baskets. Two distinct kinds. Price: 15c each.

**VINCA MAJOR VARIEGATA**—Fine for baskets and vases; green and white foliage. Price: 20c each; large, strong plants, 35c each.

**CINNAMON VINE**—A beautiful hardy climbing vine, which will quickly surround an arbor, window or veranda with a profusion of vines covered with handsome, glossy, heart-shaped leaves, bearing great numbers of delicate white blossoms, which emit a delicious cinnamon fragrance. Perfectly hardy, thriving everywhere, and when once planted will last for years. Plant the bulbs about 1 inch deep in rich soil. Cover lightly with straw or leaves for winter protection. Price: 2 for 15c; 4 for 25c; postpaid.

**KUDZU VINE** (Jack-and-the-Bean-Stalk)—A most remarkably hardy climber. Starts slow, but in a few weeks grows almost beyond belief. Foliage dark green. Fine for porches and arbors. Roots, 25c each; 2 for 40c; postpaid.

**MADEIRA VINE**—A rapid climber, twining to great heights. Thick glossy green leaves and very fragrant white flowers. It grows anywhere, but does better in a warm sunny location. It is also very pretty for training in the house. Strong tubers, 5c each: 3 for 10c; 35c per doz.; postpaid.



America Gladiolus



## BEDDING AND HOUSE PLANTS

### GERANIUMS

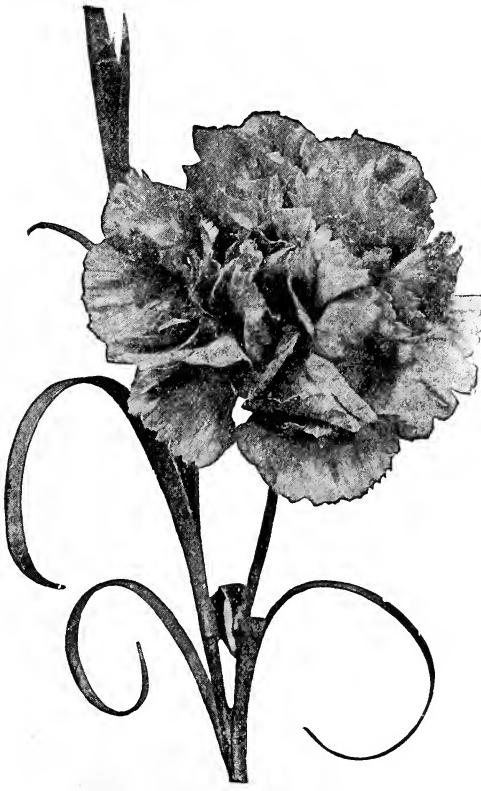
20c Each; 6 for 90c; Postpaid.

**ALPHONSE RICARD**—Large, perfectly formed semi-double flowers of bright vermillion-red.

**AMERICAN BEAUTY** (New)—Same color as the famous American Beauty Rose. Very free bloomer.

**BEAUTE POINTEVINE**—The color is a beautiful shade of shrimp-pink, delicately shading to white; a most profuse bloomer all season.

**JEAN VIAUD**—Beautiful shade of mauve-pink, shading to clear white throat; the flowers and trusses are enormous, sometimes measuring 6 inches in diameter. Extra fine.



Carnation

### Pompoms

#### SMALL FLOWERED CHRYSANTHEMUMS

Price: 20c each; 6 for 90c.

**QUEEN OF WHITES**—The best white.

**GOLDEN HARVEST**—Deep yellow.

**GREYSTONE**—Beautiful bronze.

**WESTERN BEAUTY**—A lovely pink.

### MONTHLY CARNATIONS

#### "THE DIVINE FLOWER"

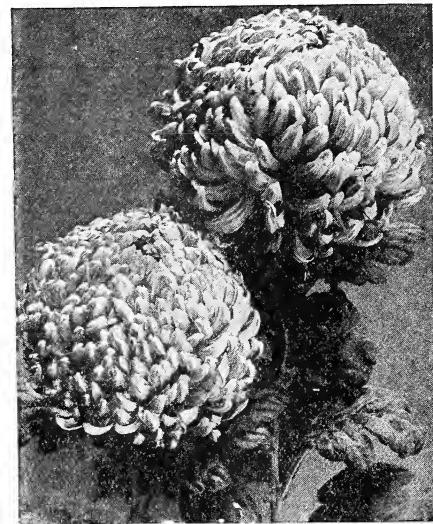
Price, Except Nebraska: 20c Each; 3 for 50c; Postpaid.

**NEBRASKA**—It is the best red Carnation in existence. Monster flowers of the best and most lasting shade of beautiful, bright, crimson-scarlet. Every flower is perfect. Is the finest bloomer of the Carnations. Price: 30c each; 3 for 75c; postpaid.

**ENCHANTESS**—A beautiful shell pink; large flower. One of the best.

**MATCHLESS**—Largest flowers of the purest immaculate white; large sized blooms. Very sweetly scented with delightful clove fragrance.

**ROSE PINK ENCHANTESS**—A beautiful bright, rose-pink. Large flowers and a profuse bloomer.



Chrysanthemum

### SWEET-SCENTED GERANIUMS

20c Each; 6 for 90c; Postpaid.

**LEMON**—The foliage is pronouncedly lemon scented.

**NUTMEG**—Foliage has true nutmeg fragrance.

**ROSE**—The famous sweet rose-scented Geranium; very fragrant.

### PANSY GERANIUM (Pelargonium)

Lady Washington Geraniums

35c Each; 3 for \$1.00; Postpaid.

**EASTER GREETING**—Large bright amaranth red.

**LUCY BECKER**—Pleasing shade of rosy pink.

### CHRYSANTHEMUMS

#### LARGE FLOWERED CHRYSANTHEMUMS.

Price: 20c each; any 6 for 90c.

**BLACK HAWK**—An extra fine, deep, crimson variety of the largest size; none finer of its color.

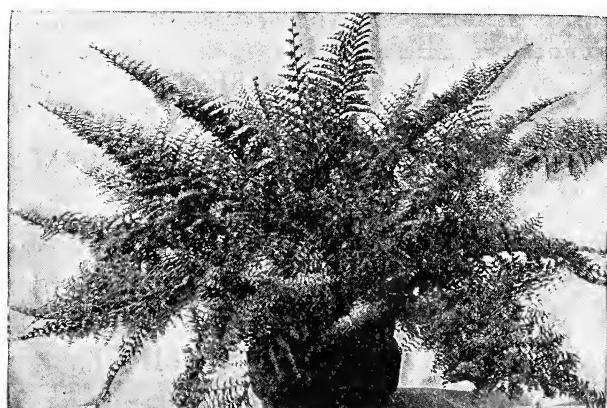
**GOLDEN GLOW**—Bright yellow of velvet finish. Flower 5½ inches in diameter.

**GOLDEN WEDDING**—Nothing finer among yellows; shines like burnished gold. The standard for measuring yellows; of mammoth size.

**OCTOBER FROST**—Purest snow white; fairly glistens in its purity.

**PACIFIC SUPREME**—This grand variety has literally leaped into popularity. Flowers are so large as to startle you. The color shades from lavender-pearl to the richest pink.

**TIMOTHY EATON**—The largest and grandest of all white mums; simply immense.



Ostrich Plume Fern



Glorie De Chatelaine

**LANTANA**

Price: 20c each; the 5 for 75c.

**CORAL ARGENT**—The best white.**FRANCENE**—A lovely pink.**RADIATION**—A handsome red. One of the showiest.**TITHES**—An unusually attractive shade of yellowish-pink.**ULTRINA**—A beautiful yellow.**FUCHSIAS**

"Ladies' Eardrops." Price: 20c each; the set of 5 for 90c.

**BLACK PRINCE**—One of the best. Sepals bright waxy carmine. Large pink corolla.**ADVOCATE**—Single purple with red corolla.**avalanche**—Purple corolla with red sepals.**ROSINE PATRIE**—Large double flowers, white corolla.**SPECIOSA**—Blooms in great profusion. Tube and sepals bright rose, corolla brilliant carmine.**VIOLETS****GOV. HERRICK**—Single dark blue. Price: 30c each; 2 for 50c.**GIANT PRIMROSE**

Price: 20c each; 3 for 50c.

**OCONICA GRANDIFLORA**—A profuse blooming Primrose with large flowers, ranging in color from white to deep rose. Always covered with flowers.**MARGUERITE DAISIES**

Price: 20c each; 3 for 50c.

**MRS. F. SANDERS**—A beautiful, free-blooming Marguerite, having double and single flowers on same plant.**NICHOLSON'S YELLOW**—The best yellow Marguerite.**PANSIES**

Large plants in bloom of the most beautiful varieties and colors. Price: 10c each; 75c per doz.

**SALVIA (Flowering Sage)**

Flowers are borne in long spikes of fiery red and blooms until severe frost. Fine for borders. Price: 15c each; 4 for 50c.

**SHASTA DAISY**

Beautiful large, white flowers with golden centers. Blooms entire season. Price: 20c each; 3 for 50c.

**VERBENAS**

Our collection is made up of the best, large flowering and most brilliant colored varieties. Large sized plants. Price: 15c each; 4 for 50c.

**ANGEL'S TRUMPET**

It grows easily, blooms freely indoors in winter and in the garden in summer. Has large, tropical leaves, with blooms 8 inches long by 6 inches wide at the mouth, resembling a trumpet. Pure white in color and as fragrant as a Jasmine. Large sized plants. 50c each.

**FERNS****ASPARAGUS SPRENGERII** (*Emerald Feather Asparagus*)—It is especially valuable for pots, vases, baskets, etc., covering all with its beautiful sprays of lovely green feathery foliage. Price: 25c each; large, 75c; postpaid.**BOSTON SWORD FERN** (*Nephrolepis Bostoniensis*)—This Fern has proven to be a most popular decorative plant; it's a rapid grower of very easy culture, soon forming a large graceful plant. Price: 25c each; large, 75c; postpaid.**ASPARAGUS PLUMOSA** (*Climbing Lace Fern*)—Easily grown and very satisfactory for window and house culture; an extremely graceful window climber; bright green feathery foliage, as fine as the finest silk or lace. Price: 25c each; large, 75c; postpaid.**OSTRICH PLUME FERN** (*Nephrolepis Whitmanii*)—Thrives perfectly in the warm atmosphere of living rooms. Combines graceful plumpiness and charm with additional features of good shape, size and growth. Price: 25c each; large, 75c; postpaid.**MAIDEN HAIR** (*Adiantum Crenatum*)—This is the well-known, fine-leaved Maiden Hair variety so extensively used in connection with cut flowers. Price: 25c each; large, 75c; postpaid.**COLEUS**

Price: 20c Each. Any 6 for 90c; Postpaid.

The well-known foliage plant used so extensively for summer bedding.

**AUTUMN LEAVES**—Crimson, Yellow, Pink and Bronze.**BUTTERFLY**—Mottled Red, Green and Yellow.**CROWN JEWELS**—Dark, Rich Red, Bordered Yellow.**GOLDEN BEDDER**—Rich Golden Yellow.**MILTONIANA**—Rich Velvety Black.**QUEEN OF LAWN**—Pink, Bordered Crimson and Green.**TRAILING QUEEN**—Beautiful drooping variety.**VERSCHAFFELTII**—Rich Red, fine bedder.**ASTERS**

Price: 10c each; 75c per dozen.

Our Asters are produced from exceptionally fine strains. White, blue, pink and purple.

**BEGONIAS****GLORIE DE CHATELAINE**—A very attractive plant. The flowers are brilliant pink and being a perpetual bloomer, it makes a charming bedding or house plant. Price: 25c each.**XMAS RED**—One of the best flowering Begonias. Flowers of a beautiful holly red. Blooms in great profusion the year around.**RED CHATELAINE**—Similar to Glorie de Chatelaine except color, which is a clear, bright red. Price: 25c each.**CHATELAINE SUPREME**—Improved Chatelaine. The flowers are larger and the plant is harder. It is a rapid grower and fine for outdoor bedding. The flowers are brilliant pink. Price: 35c each.

Angel's Trumpet



## ROSES

**NOTE:** The roses are 1 year old; will make a rapid growth the first year. Order in spring, not later than June 1st.

To obtain the most satisfactory results, roses should be planted in well drained, rich, deep loamy soil, and given a place where they have sunlight and circulation of air. For winter protection an application of rotten manure should be given them in the late autumn, and spaded into the ground the following spring.

**NOTICE:** If the plants look wilted when received, put them in lukewarm water for 15 to 20 minutes. Set the plants about  $2\frac{1}{2}$  inches deeper than they were growing before and press the soil firmly around the roots. Give them a good watering. Shade from sun and wind until they begin to grow.

### TEAS AND HYBRID TEAS

**PRICE OF THE 7 ROSES LISTED BELOW:** 30c each; 5 for \$1.25.

**KILLARNEY (The Irish Beauty)**—Brilliant sparkling pink with large, pointed buds, broad, wax-like petals with silvery edges and enormous semi-full flowers of exceeding beauty. One of the very finest forcers and has become the type for a numerous family.

**KILLARNEY BRILLIANT**—Newest members of its family and expected to push Killarney, its parents, off the field. Color varying from crimson-pink in winter to bright true pink in hot weather, brilliant throughout the year. As free a producer and a trifle stronger than the parent, with nearly double the petalage.

**OPHELIA**—Brilliant salmon-flesh shaded with rose on outer edges of petals with a heart of glowing peach-pink and orange-yellow blendings, all passing finally to lighter shades; fragrant as Richmond, faultless form in bud and flower; erect habit, stiff, long stems; free and continuous in growth and bloom; handsome, bright foliage; immune to mildew and black spot; possesses every requisite of a perfect forcing rose.

**WHITE KILLARNEY**—A pure white sport from the pink parent above described. Identical with the pink variety except in color.

**LA FRANCE**—Silvery-rose, with pink shades and satin-like petals of unsurpassable beauty; large, symmetrical and deliciously

fragrant blossoms from June until frost; hardy with protection.

**SUNBURST**—This magnificent giant yellow Rose is a fine forcer. It stands head and shoulders above all others of its color and will rank with American Beauty and the Killarneys in value and grandeur. The color is orange-copper or golden orange with deep orange center, edge of petals lighter. Some call the color cadmium-yellow. The golden-yellow color stays right with the flower until it fully finishes. It makes no difference what you call its color, it is the yellowest of all roses in the ever-blooming class. Buds long and pointed, borne singly on long stout stems opening full and double. Belongs in the class of big Roses. Better get acquainted with "Sunburst."

**THE BRIDE (White Tea Rose)**—Flowers very large on long, stiff stems. They last a long time after being cut, making it one of the best for bouquets. Sometimes a pinkish white in hot weather, but usually a pure white.

### HYBRID PERPETUAL ROSES

**PRICE OF ALL ROSES LISTED BELOW EXCEPT AMERICAN BEAUTY AND FRAU KARL DRUSCHKI: 30c EACH; ANY 5 OF YOUR OWN SELECTION FOR \$1.25; ANY 12 FOR \$2.75.**

**AMERICAN BEAUTY (Mme. Ferdinand Jamin)**—Generally conceded to be the most grandly beautiful of Roses in size, form and color. Rich red, passing to crimson, very delicately veined and shaded and unsurpassingly fragrant. Hardy everbloomer and rapid grower. Price: 50c each; postpaid.

**CLOTHILDE SOUPERT**—A really wonderful Rose for bedding out or for pot culture; medium size and very double; white, shading to deep pink at center; a profuse bloomer and a strong dwarf grower, deliciously fragrant.

**FRAU KARL DRUSCHKI (the White American Beauty or Snow Queen)**—An everyday hardy, vigorous grower, with bright green leaves delicately veined; splendid long buds and magnificent snow-white blooms with very large saucer-shaped petals. Rightly named and deservedly a prize winner. Price: 40c each; postpaid.

**GENERAL JACQUEMINOT**—A celebrated and much sought for variety, both for planting out and pot forcing; shapely buds and handsome blooms of bright shining crimson, rich, brilliant, velvety and fragrant. Everybody knows and wants the "Jack" for its all "round" good qualities.

**GRUSS AN TEPLITZ (Greeting to Teplitz, or Virginia R. Coxe)**—Hardy in all sections, grows freely, to a height of 4 to 5 feet; vivid dazzling, fiery crimson; sweetly fragrant; produces a mass of gorgeous blooms on long stems.



American Beauty



Frau Karl Druschki



## ROSES—Continued

**PAUL NEYRON**—The largest of all Rose blooms; bright, shining pink, clean and beautiful; very double and full; finely scented; blooms first season and all summer. Grows to a great height in a single season and stems are almost thornless.

**PINK SOUPERT**—Rose-pink in color; otherwise same as Clothilde Soupert.

**MADAME PLANTIER**—A June Rose, well worthy of its long and continuous popularity. Pure white, large and double; hardy as a forest tree; a free and continuous bloomer of the best white Hybrid Perpetual, used extensively for cemetery planting.

**MAMAN COCHET**—Rich, rosy pink, shaded silvery-rose on outer petals; exquisite in color and graceful in form from bud to bloom and delightfully fragrant; beautiful, healthy foliage and long, stiff stems. Unquestionably the queen of pink Tea Roses and a leading cut-flower variety.

**WHITE MAMAN COCHET**—Identical with its parent, Maman Cochet, in everything except color.

**MISTRESS JOHN LAING**—Beautiful clear, bright, shining pink; each bud in its long, serrated calyx with adjacent, green foliage forms a very dainty and lovely boutonniere; immense, full bloom on long stiff stems sweetly scented.

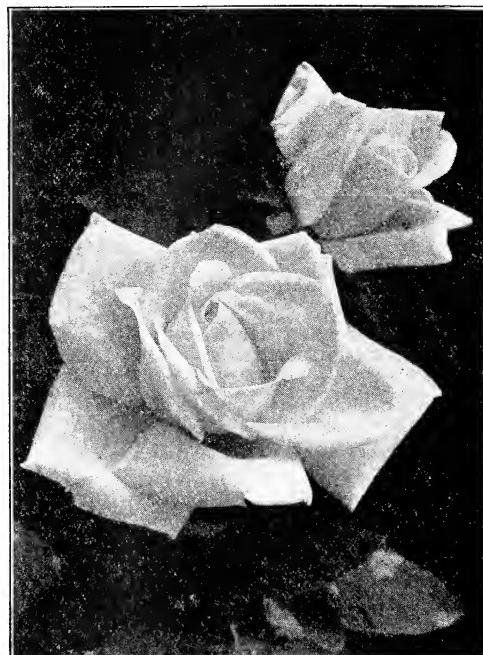
## HARDY CLIMBERS

This class of Roses needs some protection in this climate, that is, states north of Kansas. A good plan is to lay them down and cover with straw or leaf mulch. It is freezing and thawing alternately that kills Rose bushes. **PRICE OF ALL CLIMBING ROSES: 25c EACH; 6 FOR \$1.25; 12 FOR \$2.25.**

**CLIMBING AMERICAN BEAUTY**—Seedling from American Beauty with an admixture of Wichuriana and tea blood. Same as its namesake in size, color and fragrance, with the addition of the climbing habit. Better blooming qualities, good foliage, and has proven hardy and withstands heat and drought.

**CRIMSON RAMBLER**—Most popular out-of-door climber of today; a rapid producer of long, heavy canes, reaching a height of 10 to 20 ft. in a season; rich clusters of bloom form a mass of vivid-crimson beauty until late in the season. Perfectly hardy in the most trying climates, being a native of Japan.

**DOROTHY PERKINS**—Beautiful shell pink color holds for a long time, fading finally to a lovely deep rose; very sweet scented; fully equal to Crimson Rambler in foliage, hardiness, habit of growth and blooming qualities.



White Killarney

**WHITE DOROTHY PERKINS**—Pure white sport from Dorothy Perkins, with which it is identical in foliage and habit. A valuable addition to the hardy climber class.

**EXCELSA (Red Dorothy Perkins)**—Intense crimson-scarlet; double flowers in brilliant clusters set in glossy shining foliage which never mildews nor spots. An intensified Crimson Rambler, which it promises to displace. Extremely vigorous and the handsomest of all the red climbers.

**SHOWER OF GOLD**—Deep golden-yellow orange flowers borne in splendid trusses forming a mass of bloom. Extremely long laterals are densely clad with a beautiful Wichuriana foliage, the leaves on upper side and stems a reddish-brown shot with a silvery sheen.

**TAUSENSCHOEN (Thousand Beauties)**—Varying shades from a delicately flushed white to a deep pink or rosy-carmine, in bright clusters of blossoms almost covering the handsome pale-green foliage. A vigorous, hardy climber with few thorns, of German origin.

## POLYANTHA OR BABY RAMBLER ROSES

A class of miniature Roses derived from the Climbing Polyantha. They are dwarf habit and bloom so freely as to cover the entire plant with bloom all through summer and fall. The plants are splendid for bedding or as edging for borders, they are hardy. They are useful, either pot grown or for bedding purposes or for hedge effect.

**PRICE: ALL VARIETIES, 30c EACH; 5 FOR \$1.25; 12 FOR \$2.75.**

**BABY RAMBLER**—Completely hides itself all summer; bright red.

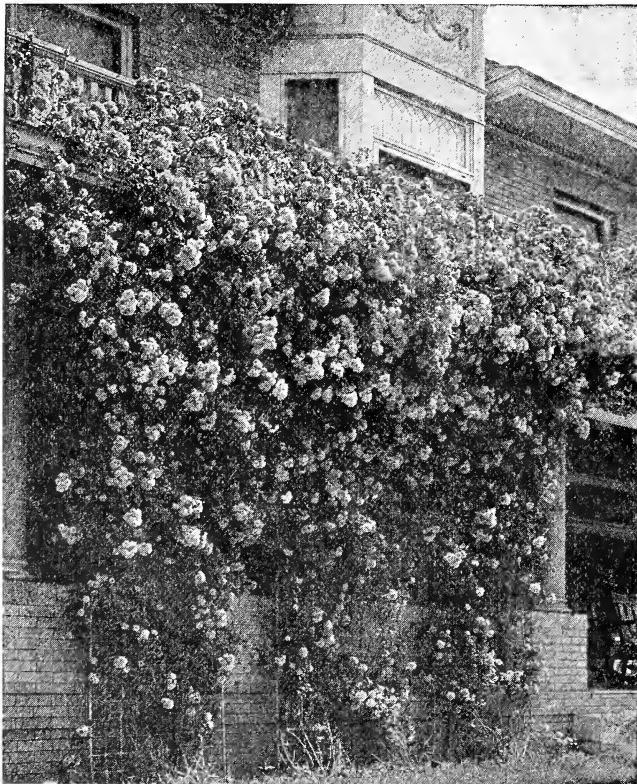
**CATHERINE ZEIMET**—The white Baby Rambler; extra fine.

**BABY DOROTHY (Pink Baby Rambler)**—A prolific producer of pure pink flowers, with all of the good qualities of Crimson Baby Rambler.

### BLOOMED ALL SUMMER

Cuming Co., Nebr., Apr. 25, 1923.  
Gentlemen: I am enclosing order for White Baby Ramblers. I got a dozen of them last spring; every one grew and bloomed all summer.

MRS. WALTER REESON.



Dorothy Perkins



Honeysuckle

## HARDY CLIMBING VINES

**ORDERS SHOULD REACH US BY MAY 1 AT THE LATEST**

Your home, outbuildings, fences and trunks of old trees can be made attractive by the use of hardy vines. Such permanent improvements add greatly to the value of property, and the value increases from year to year. We furnish nice, strong, field-grown plants at prices given below.

### HONEYSUCKLES

For real handsome vines, to be near you, climbing over your windows and doorways, there is nothing prettier than sweet-scented Honeysuckles; the foliage is pretty, neat and clean, the flowers are almost continuous, and their fragrance delightful.

#### HONEYSUCKLE HEDGES

Some of our friends have conceived the idea of planting Honeysuckles along the division fences, and it is wonderful what pretty hedges they make. Iron or wire fences are the best, but almost any kind is soon covered with a mantle of living green. Other climbing vines will answer the purpose, but sweet-scented Honeysuckles are both fragrant and beautiful. They should be planted two feet apart.

**HALL'S JAPAN**—One of the best of the Climbing Honeysuckles, and a free bloomer. Has oval, semi-green foliage with fragrant yellow and cream colored flowers. The plant is covered with flowers from July to November. Especially good for covering trellis, rocks, dry banks, etc. **PRICE: LARGE SIZE, 75c EACH; postpaid.**

**SCARLET TRUMPET, or RED CORAL**—A fine climber and one of the most satisfactory of all plants. The odd-shaped foliage is showy and attractive and it produces its bright red, fragrant, trumpet-shaped flowers almost continuously. A splendid vine for porches. Grand for trellises and ground cover. Will thrive in almost any kind of soil, growing to a height of 10 to 15 feet. Can also be raised in bush or tree form. **Price: Large size, 75c each; postpaid.**

### CLEMATIS

There is no more ornamental class of plants than Clematis and the rich show of bloom produced by the best varieties is far too magnificent to be fairly portrayed by mere words. The colors run from intense velvety-purple through crimson, blue, lavender and white. We presume that every one of our customers who sees Clematis plants in bloom each summer promise to plant some in his own garden or yard at the next opportunity. They are especially adapted to our climate.

**JACKMANII**—The flowers are large, intense rich velvety violet-purple and are produced in such masses as to form a cloud bloom. Well known and very popular. **Price: \$1.25 each; postpaid.**

**PANICULATA**—One of the most valuable of all hardy flowering vines. Of exceedingly rapid growth, soon reaching a height of 15 to 20 feet and spreading out in all directions. Small, pure white flowers, borne in great masses of panicles or clusters on long stems, so profuse as to fairly cover the plant with a sheet of fleecy white. Its blooming period is in August and September, when most other varieties have ceased, and it is then a sight to behold. Not its least charm is the delightful Magnolia-like fragrance. Hardy as an oak. **Strong two-year old field plants to bloom this year, 60c each; postpaid.**

### HARDY VINES

**BOSTON IVY (Ampelopsis Veitchii)**—The grandest hardy climbing vines in existence for covering houses, churches, schools, etc. Its glossy, ivy leaves overlap each other, and its long, delicate young shoots stretch up the walls with free and rapid growth. The tendrils at nearly every point cling firmly to the smoothest surface of rock or brick. **Price: 75c each; postpaid.**

**ENGLISH IVY (Ampelopsis Englemanii)**—Of denser growth, shorter jointed and richer in effect than the common Virginia Creeper. Grows 6 to 10 feet in a season. Will cling to a brick wall without any extra support. **Price: 60c each; postpaid.**

### WISTARIA

The Wistaria is particularly valuable for training over buildings, second floor verandas and wherever tall-growing climbers are wanted it is a vigorous, rapid grower, entirely hardy. The flowers are borne in large clusters.

**CHINESE PURPLE**—Of lovely, rich, violet-purple color, delightfully scented: beautiful. **Large size, 75c; postpaid.**

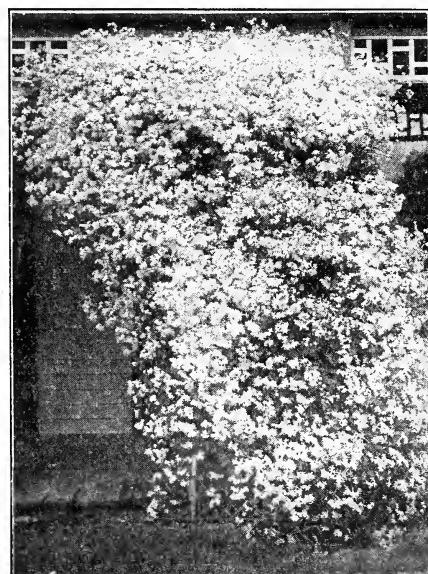
### FOREST TREE SEEDLINGS

In some localities the surest way to get a start of forest trees is to plant one year seedlings or cuttings. We offer these to you at so low a price that you ought to include some with your order. The following list is one-year seedlings. Most of them are 12 to 18 inches high.

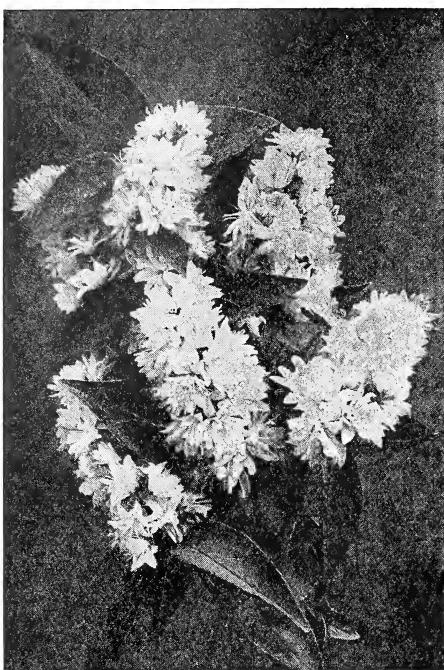
#### PRICES ARE POSTPAID

		Per 10	Per 100
ASH	1-year Seedlings.....	\$0.25	\$1.50
BOX ELDER	1-year Seedlings.....	.30	2.00
CATALPA, SPECIOSA	1-year Seedlings.....	.25	1.50
ELM, American White	1-year Seedlings.....	.35	2.25
LOCUST, Black	1-year Seedlings.....	.25	1.50
LOCUST, Honey	1-year Seedlings.....	.35	2.50
MAPLE, Soft or Silver Leaved	1-year Seedlings.....	.35	2.50
MULBERRY, Russian	1-year Seedlings.....	.35	2.50
OSAGE ORANGE	1-year Seedlings.....	.25	1.50
RUSSIAN OLIVE	1-year Seedlings.....	.60	5.00
WALNUT, Black	1-year Seedlings.....	.40	3.50

WRITE FOR PRICES IN LARGER QUANTITIES



Clematis Paniculata



Deutzia

**DOUBLE FLOWERING CRAB**—One of the most beautiful of the many fine varieties of flowering crabs. Tree of medium size, covered in early spring with large, beautiful, double fragrant flowers of a delicate pink color. From a distance the flowers have the appearance of small roses. **Price:** Large size, \$1.00 each.

**ALMOND, DOUBLE FLOWERING PINK** (*Amygdalus*)—The Flowering Almonds are pretty dwarf bushes that bloom quite early and are very showy in spring. Their slender leaflets, upright branches are entirely hidden by stemless, very double flowers of pink color, resembling small roses. Grows to a height of 4 to 5 feet and blooms in May. One of the best flowering shrubs and highly recommended for the western states. **Price:** Large size, \$1.00 each.

**DEUTZIA "Pride of Rochester."** Earliest blooming variety. Grows 6 to 8 feet tall. Has very large petals of double white flowers, and fully open, but a striking pink when in bud. The bush is a very upright grower, vigorous and healthy. Blooms late in June. **Price:** Large size, 60c each.

**MOCK ORANGE OR SYRINGA** (*Philadelphus Coronarius*)—One of the very best of the old, well-known shrubs. It seldom or never fails to bloom. The fragrant and beautiful waxy white flowers appear in great profusion in June. In shape and fragrance they resemble the Orange blossoms, therefore the name. The shrub grows to a height of 10 feet; can be kept lower, though, by pruning. Often used for an ornamental hedge. Hardy everywhere and valuable for immediate effects in landscape planting. This is one of the most satisfactory shrubs for the Middle West, hardy, and it never fails to bloom and needs little care. To cover an unsightly alley in your back yard this and the Upright Honeysuckle are the best. Plant in this case about 4 feet apart. **Price:** Large size, 60c each.

**HYDRANGEA** (*Paniculata Grandiflora*)—This familiar old shrub is one of the most prominent factors during August and September, in brightening up the lawn and shrubbery groups. Single specimens, if planted in rich soil and severely pruned every spring before the leaf buds open, will get to be very dense, stocky clumps of compact form, and are wonderfully attractive when laden with their massive white plumes. Large beds, kept at a uniform development, are extremely showy; first snowy white, then pink, then reddish bronze and green. **Price:** Large size, \$1.00 each.

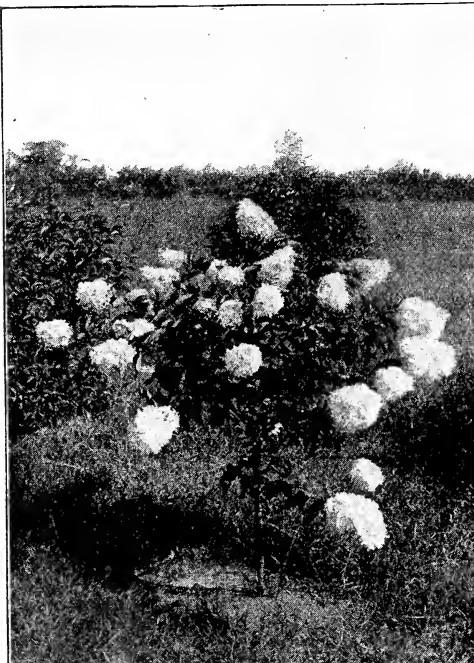
**AMOOR RIVER PRIVET**—Hardy. Foliage glossy green and holds its color well almost the entire season. Will stand shearing to any extent. Where the California Privet is not hardy, the Amoor Privet should be planted. We recommend this Privet for all the states north of Missouri. It costs a little more, but will stand your climate and will be perfectly satisfactory. **Price:** Plants all well branched, 12 to 18 inch, 20c each; \$1.75 per 10, postpaid; \$12.00 per 100 by express.

## HARDY ORNAMENTAL SHRUBBERY

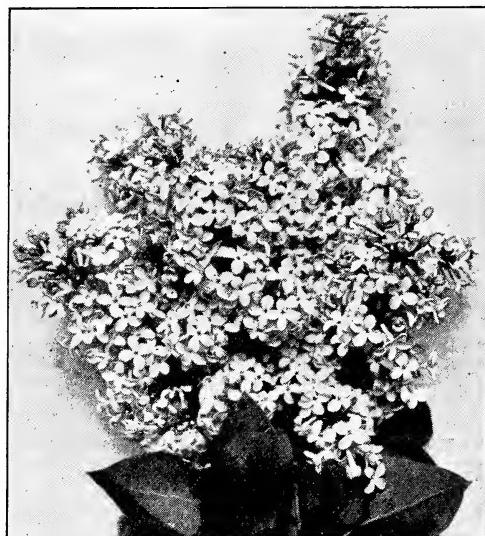
THE planting of shrubs, or perhaps combined with shade trees, with some conception as to the effect to be produced in future years, is a matter to be considered by everyone who wishes to complete the picturesqueness of a villa residence or country home. Shrubs around a house hide unsightly corners, and the hard, straight lines of the architecture; or grouped at a distance, by the side of walks, carriage drives and fences, they break what might be a monotonous line of vision over bare lots, and give a tone of privacy to the home surroundings. While the shrubs we send out are of large size, they are not so large but that they can be sent by parcel post. **Prices of ornamental shrubs are postpaid unless otherwise stated.**

**BARBERRY THUNBERGII** (Japanese Barberry)—One of the best all-round shrubs for the Northwest, thriving under all conditions. Slender, graceful branches with fine bright green foliage, turning to brilliant crimson and orange in fall. Branches are covered with small yellow flowers in June, followed by scarlet berries that stay on bushes almost all winter. Barberry Thunbergii is not subject to rust, and may be planted anywhere. **Price:** 12 to 15 inches, 20c each; \$1.75 per 10, postpaid; \$10.00 per 100 by express.

**THE EVERBLOOMING BUTTERFLY BUSH** (*Buddelia Variabilis Magnifica*)—One of the most desirable summer flowering shrubs beginning to bloom in July, it continues until cut by severe frost. The flowers are of a pleasing shade of violet-rose, and are borne in dense cylindrical spikes, which, under liberal cultivation, are from 12 to 15 inches in length by 3 inches in diameter; it succeeds everywhere and flowers freely the first season planted. **Price:** Large size, 60c each.



Hydrangea



Lilac



**BUSH HONEYSUCKLE, RED TARTARIAN** (*Lonicera Tartarica*)—The best known of all the Bush Honeysuckles, and in our estimation the finest variety of all. Grows to a height of 8 to 10 feet with upright somewhat spreading branches and bright green foliage. The flowers are borne freely in May and June, and of bright pink color, followed by showy red berries which ripen in mid-summer and cling to the bush for several weeks. This fine shrub is of great value planted as a background for smaller shrubs. It withstands successfully the severest winters. Price: Large size, 65c each.

**FORSYTHIA** (*Golden Bell*)—Few, if any, of the spring flowering, hardy shrubs can surpass the splendor and brilliancy of the Forsythia. Of upright, vigorous growth, foliage rich, dark green and lustrous. Flowers brilliant, golden yellow, borne in great profusion early in April before the leaves appear. Price: 50c each.

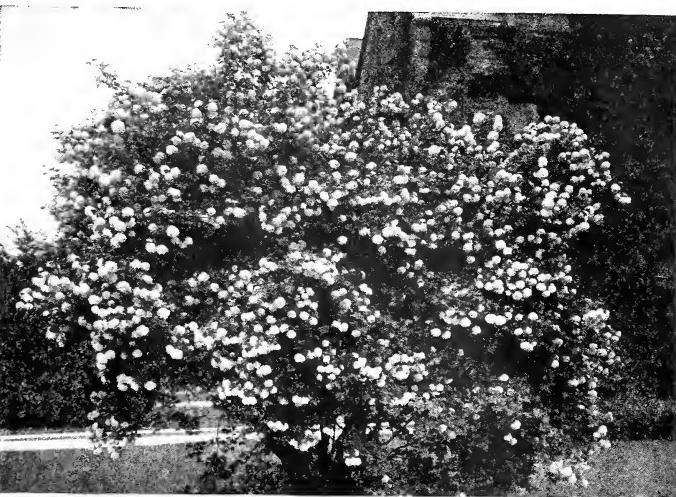
**LILAC, PURPLE** (*Syringa Vulgaris*)—The old fashioned purple flowering kind, with its wealth of lovely fragrant flowers in May. Bush is a rapid, vigorous grower. Hardy everywhere. Price: Large size, 65c each.

**LILAC, WHITE** (*Syringa Vulgaris Alba*)—Similar to the above but flowers are borne in rather loose clusters, pure white and deliciously fragrant. Bush is an erect, tall grower. Price: Large size, 65c each.

**SPIREA VAN HOUTTE**—The grandest of all the Spireas. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Clusters of 20 to 30 flat, white florets make up the racemes, and these clusters are set close along the drooping stem. Perfectly hardy and an early bloomer. Price: Large size, 50c each.

**SPIREA ANTHONY WATERER**—A new crimson flowered variety. It makes a low, compact bush 15 to 18 inches high and is covered nearly the whole growing season with large umbels of deep crimson flowers. Perfectly hardy, it makes a fine, compact plant for low clumps or for bedding purposes. Price: Large size, 65c each.

**WEIGELIA ROSEA**—An erect growing shrub while young, but gradually spreads and droops with age. The trumpet shaped flowers are large and a beautiful rose color. Very effective for grouping and borders. Price: Large size, 60c each.



Snowball



Spirea Van Houtte (Bridal Wreath)

#### **SNOWBALL, Guelder Rose (Viburnum Opulus Flora Plena)**

—One of the favorites of old-time gardens. It grows into a magnificent high bush with upright branches and handsome foliage. It forms one of the most impressive sights of early summer, when its pure white, four-petaled flowers, borne in snowy balls, are in bloom. Hardy everywhere. Price: Large size, 60c each.



Weigelia

## **EVERGREEN TREES**

### **HARDY EVERGREENS FOR WINDBREAK AND HEDGE PLANTING**

**STRONG, HEAVY, WELL ROOTED TRANSPLANTED STOCK  
FOR EXPRESS SHIPMENT—HARDY OUTDOOR  
SPRUCES, PINES, FIRS, ETC.**

**SAFE ARRIVAL GUARANTEED TO ANY POINT IN THE U. S.**

These varieties have been thoroughly tested and proven absolutely hardy and reliable and will grow successfully in all parts of the country. Send in your order now. Shipment will be made during March, April or May—depending on the locality.

### **WINDBREAK EVERGREENS**

**Price: Twice Transplanted—Twice Root-Pruned**

		5	25	50	75	100
Medium Size	10 to 12 inches.....	\$2.25	\$10.00	\$19.50	\$27.50	\$35.00
Large Size	1 to 1½ feet.....	2.50	11.50	22.00	31.00	40.00
Extra Large	1½ to 2 feet.....	3.50	16.50	32.00	46.50	60.00

\*Hill's Norway Spruce  
Colorado Douglas Fir

Ponderosa Pine  
\*Red Cedar

\*Scotch Pine

\*Starred sorts denote leaders. If selection is left to us we will see that you get varieties best adapted to your locality.

Prices include careful packing for Express shipment. Complete planting instructions and cultural directions will be furnished with each order.



# HOME, LAWN AND GARDEN SUPPLIES

## Stim-U-Plant

Is an excellent fertilizer for flowers, shrubs and vegetables, it is an odorless, highly concentrated plant food in tablet form. These tablets will increase production, heighten color and improve quality. Can be used the year round—from early spring until late fall outdoors, and during the winter for pot plants in the house. They can be used in tablet form or dissolved in water at the rate of one tablet to one quart. Complete directions with every package. Order Stim-U-Plant tablets with your seed and plant order. Price: 10 tablets for 15c; 30 for 25c; 100 for 75c; 1,000 for \$3.50; postpaid.

## Arcadian Sulphate of Ammonia

A wonderful fertilizer for garden, lawn or orchard. Guaranteed 25 1/4% of ammonia, the highest test of any fertilizer chemical. Ammonia supplies nitrogen, the most essential plant food. One 2-oz. package of Arcadian Contains as much nitrogen as 100 pounds of stable manure or 20 pounds of sheep manure. No weed seeds, no odor, no lumps. Does not gather moisture. Always fine and dry. The Great American Ammoniate. Made in America. Full directions on package. Write for free pamphlets. Price: 2-lb. package, 35c; 25 lbs., \$2.25; 50 lbs., \$4.00; 100 lbs., \$7.50.



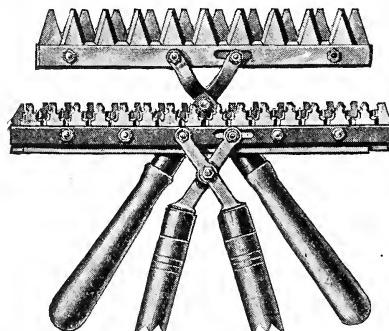
## Simplicity Hedge Trimmer and Pruner

The Simplicity Hedge Trimmer—Is the only trimmer successfully demonstrated and proved to be a wonderful advancement over the old-style hedge shear.

With its perfect balance it really seems to work almost automatically for, besides Simplicity's 2-lb. weight and 12-inch width, it has 19 big, safe, keen teeth, cutting cleanly both when opening and closing.

Simplicity's Hedge Pruner and Trimmer—With this tool you can actually do as much pruning in one hour as you formerly did in four hours with the old-style pruner or lopping shears.

Simplicity seems to work almost automatically. With its perfect balance and only 3-lb. weight, besides Simplicity's 16-inch width, it has 31 big, safe, keen fluted teeth, cutting cleanly both when opening and closing. This tool can be used for trimming with excellent results, many home users have chosen it to do all their trimming.



Simplicitys are made of the finest high grade carbon steel and will give you long service and satisfaction.  
Trimmer, each \$5.00  
Pruner and Trimmer, each..... 7.50

## REEDS AND RAFFIA

### RAFFIA—FOR BASKET MAKING

Raffia is the name given to a long-leaved palm found on the Island of Madagascar. The outer skin of the leaves is stripped off by the natives and tied in long hanks or braids, after which it is packed in bales ready for shipment. As a weaving material it is ideal, combining as it does, softness and flexibility with great strength. The strands average three feet in length, this gives it a decided advantage over splints and grasses.

Besides the natural shade, we have it in 14 different colors, Black, Gray, Navy Blue, Light Blue, Old Blue, Purple, Light Brown, Dark Brown, Dark Green, Bright Green, Pink, Bright Red, Dark Red, and White, a sample of which will be mailed upon request.

Colored, per bunch .....	\$0.10
Colored, except white, gray and old blue, 1/2 lb. ....	.75
White, gray and old blue 1/2 lb. ....	1.10
Natural, per bunch .....	.05
Natural, per lb. ....	.35
Natural, 5 lbs., per lb. ....	.30

## Walker's Excelsior Brand Plant Food

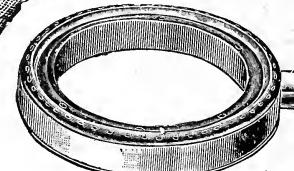
Flowers are like people, their health depends upon their food. It must be nourishing, but not too rich to force growth and cause reaction. A chemically correct flower food for house plants. It has no odor whatever and can be used dry or dissolved in water for spraying. Use it and your flowers will flourish; their health will last. Trial size (enough for 10 plants 6 months), 15c postpaid. Small size (feeds 25 plants for 6 months, postpaid, 30c; not postpaid, 25c). Large size (enough for a year for 30 plants), postpaid, 50c; not postpaid, 40c.



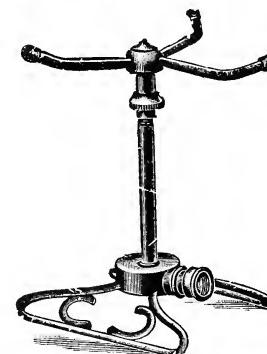
## Lang's Hand Weeder

A very handy tool for the home garden.

Postpaid, 35c; not postpaid, 25c.



**THE RING LAWN SPRINKLER**—More beautiful than a fountain; more efficient than a shower. Price: Postpaid, \$1.00; not postpaid, 90c.



**ANACONDA**—One of the best Lawn Sprinklers. Price: Postpaid, \$2.00; not postpaid, \$1.90.



**JUSTRITE NOZZLE**  
Regular Hose Nozzles. Price: Postpaid, 75c; not postpaid, 65c.

Raffia Needles, 6 for..... 10  
Book of Basket Making Instructions..... .50

### REEDS (RATTAN)

Since the recent awakening to the importance of basketry. Rattan has been brought into marked prominence. Like Raffia, it is also a palm, growing to an astonishing height and found mainly in China and the Philippine Islands. Nos. 1 to 7 are the common sizes, 6 and 7 being used for the coarser work. This is the true natural reeds or rattan which we could not secure during the war, but are now glad to offer.

No. 1 .....	1/2 lb.	lb.	\$0.10	\$0.85	\$1.25
No. 2 .....	.10	.80	.10	.75	1.00
No. 3 .....	.10	.75	.10	.70	.95
No. 4 .....	.10	.65	.10	.65	.85
No. 5 .....	.10	.60	.10	.55	.75
No. 6 .....	.10	.55	.10	.50	.65
No. 7 .....	.10	.50	.10	.45	.60

Add 10c per lb. for postage and packing.

**PRICES DO NOT INCLUDE POSTAGE, EXPRESS OR FREIGHT EXCEPT WHERE NOTED**



## INSECT DESTROYERS

PRICES OF INSECTICIDES AND SPRAY MIXTURES SUBJECT TO CHANGE

### Arsenate of Lead— Powdered

May be used as either a dust diluted with hydrated lime, plaster or road dust, or as a liquid spray with water, lime-sulphur solution or Bordeaux, only half the weight is needed as of the paste form. Price:  $\frac{1}{2}$  lb., 25c; 1 lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.85; 25 lbs., \$8.00; 50 lbs., \$16.00.

### Bordeaux—Powdered

Requires 1 to  $1\frac{1}{2}$  pounds to 10 gallons of water as fungicide spray. Price: 1 lb., 45c; 5 lbs., \$1.75; 10 lbs., \$3.10; 25 lbs., \$6.75; 50 lbs., \$12.50.

### Lime Sulphur Solution

For scale insects on trees and such fungus bark diseases as can be treated in winter. Dilute and apply with a spray pump while trees are dormant, in fall, winter or spring. Price: Quart can, 40c;  $\frac{1}{2}$  gal. 70c; gallon, \$1.00; 5 gallons, \$4.25.

### Tree Tanglefoot

Tree Tanglefoot is a sticky compound similar to that used in making Fly Paper. It is easily applied directly to the bark of the tree, and is a most effective and economical protection for fruit, shade and ornamental trees against all crawling insects. For tree surgery it is unexcelled; also used to water-proof the crotch of a tree. One pound makes 10 linear feet of band. One application remains sticky three months and longer, fully exposed to the weather. 1 lb. can, 60c; 5 lb. can, \$2.75; 10 lb. can, \$5.25. If by mail add 5c for 1 lb., 15c for 5 lbs., 25c for 10 lbs.

### He-Bo Substitute for Hellebore

For use against rose slugs, currant worms, cabbage worms, and many other leaf-eating insects than Paris Green is desired. Dust on vegetation. Put up in sprinkler top boxes. Price:  $\frac{1}{2}$  lb., 30c; 1 lb., 50c; postpaid; not postpaid,  $\frac{1}{2}$  lb., 25c; 1 lb., 45c; 10 lbs., \$2.65.

### Paris Green

An insoluble, poisonous powder for potato bugs, codling moth, worms, caterpillars, slugs and bugs. Applied as a powder it should be mixed with plaster or flour, 100 parts to 1 part of Paris Green; in solution mix 1 pound in 200 to 300 gallons of water. Price:  $\frac{1}{4}$  lb. pkg., 20c;  $\frac{1}{2}$  lb. pkg., 35c; 1 lb. pkg., 65c; 5 lb. pkg., \$2.75.

### Sure Noxem

#### POWDER FORM Insecticide—to Most Leaf-Eating Insects

One of the best vegetable insecticides in use. Specially recommended for destroying worms and insects. Cauliflower, Tomato Plants, Cucumber Vines, Melon Vines, Currant Bushes, Gooseberry Bushes, Vegetables and Flowers of all kinds attacked by leaf-eating insects. Price: 1 lb., 20c; 5 lbs., 60c.

### Fish Oil Soap

A wash for insects and eggs on the bark and for smearing the trunks of trees to prevent worms from crawling up. Price: 40c per lb., (mail weight, 2 lbs.); 5 lbs., \$1.75 (mail weight, 6 lbs.); 10 lbs., \$3.25.

### Sulpho-Tobacco Soap

Is a powerful agent for the destruction of all bugs and insects. Of special value for spraying roses, shrubs and vines. One or two applications will rid plants of the pests. Full directions with each cake. 3 oz. cake makes  $\frac{1}{2}$  gallons, 12c. postpaid; 8 oz. cake makes 4 gallons, 28c, postpaid; 10 lb. cake makes 80 gallons, \$3.00, by express, your expense.

### Vaporkil

Is a non-poisonous insecticide that kills insects by suffocation. It is one of the few really effective insecticides that can be sent through the mails. It is a highly concentrated gray powder consisting only of the best known drugs for the prevention and extermination of many garden insects. It is effective against potato bugs, cabbage, tomato, cucumber and melon worms, and many insects that infest flower gardens. It is effective against mildew on roses and is an excellent deodorizer. Bugs will not come around gardens where Vaporkil is used. Have it on hand and use it from the start and your garden will look healthy during all steps of its growth. Price: 1 lb. box, 35c; 3 lb. box, \$1.00; 5 lb. box, \$1.50. If by mail, add 5c for 1 lb. box, 10c for 3 lb. box, and 15c for 5 lb. box.

### Sterlingworth Cut Worm Killer

We now offer STERLINGWORTH CUT WORM KILLER as a preparation which is quick and sure in effect and non-poisonous to animals. It is so alluring to Cut Worms that they are irresistibly attracted to it and eat it in preference to any vegetation. Dead cut worms may be seen wherever there are cut worms, and Sterlingworth Cut Worm Killer has been used. Order Sterlingworth Cut Worm Killer when you buy seeds and have it on hand ready when needed. One pound for 175 plants when in hills and 100 linear feet when in rows. Satisfaction guaranteed or money refunded. Chickens and birds are not poisoned by it. Full directions with each package. Price: 1 lb., postpaid, 40c; not postpaid, 35c; 5 lbs., postpaid, \$1.65; not postpaid, \$1.50; 25 lbs., \$6.00.

### Calcium Arsenate

Used in the same manner and for the same purposes as Paris Green or Arsenate of Lead for garden pests. It will pay you to use Calcium Arsenate and protect your crop and pocketbook.  $\frac{1}{2}$  lb., 25c; 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$2.85; 25 lbs., \$6.50.

### Hammond's Grape Dust

Kills certain mildew and blights on Flowers or Fruits. Grape Dust is a practical, economical and usually effectual remedy. The application is to be made by dusting the diseased portions of the plants. Price: 1 lb.—can with perforated top, 35c; postpaid; not postpaid, 1 lb., 30c; 5 lbs., \$1.00; 10 lbs., \$1.75.

### "Red Snapper" Plant Soap

It is used as a bath for the flowers, and also used as a spray. When used as a bath, a small quantity is diluted with water in the shape of suds in a pail or tub, and if convenient, plants are dipped directly into the solution. Ferns and large plants that cannot be handled in this way are sprayed with the solution, being careful that the under side of the leaves are thoroughly wet. As this soap combines the three essentials of insect killing elements, tobacco, sulphur and fish oil soap, it saves keeping several kinds of insecticides on hand. 30c, postpaid; 25c, not postpaid.

### Bug Death

This is a powder used for killing any bug or worm that eats the foliage or flowers of any plant. It is absolutely harmless to plant or animal life, thus making it a safe poison. Can be used dry or with water. Price: 1-lb. package, postpaid, 25c; not postpaid, 20c; 5-lb. package, 40c; 3-lb. package, 30c; 100-lb. keg, \$8.75.



CANNOT BE SENT BY MAIL UNLESS POSTPAID PRICES ARE GIVEN



## INSECT DESTROYERS—(Continued)

### Nox-Em-All Gopher Tablets

Kills Pocket Gophers, Ground Squirrels, Prairie Dogs, Ground Hogs and Other Rodents.

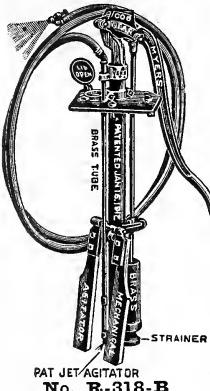


Don't let the Pocket Gophers ruin your alfalfa fields. Don't let the Ground Squirrels spoil your corn stand. Don't permit the prairie dogs to lay waste your fields that would otherwise produce crops. It's easy to poison them. A little time in the early spring will rid your farm of these destructive pests.

**NOX-EM-ALL GOPHER TABLETS** are the most effective poison we know. They are sure death to Pocket Gophers, Ground Squirrels, Prairie Dogs, Ground Hogs and other field Rodents. They are made of tidbits especially attractive to these pests which eat them greedily. They are easy to use—sure in results. Buy them—use them and save your crops. Directions printed on each package. Put up in two sizes, 200 tablets, 50c; 500 tablets, \$1.00. Cannot be sent by mail.

### Tobacco Dust

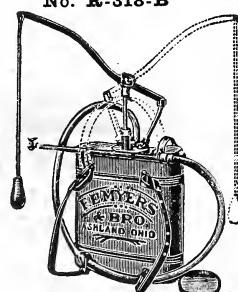
One of the best remedies for green and black aphis, fleas, beetles, etc., also for insects in the ground. Price: 1 lb., postpaid, 15c; not postpaid, 7 lb., 10c; 5 lbs., 40c; 10 lbs., 75c; 50 lbs., \$3.50; 100 lbs., \$6.00.



### Cog Gear Barrel Spray Pump

**No. R-318** has bronze ball valve and brass seats. The plunger is brass fitted with hemp packing. Will handle hot, cold or any caustic mixture. The cylinder discharge pipes are all brass. The air chamber is 32 inches in length, enabling the pipe to throw a uniform, constant elastic spray. It has good leverage, is very powerful and easily operated. The malleable iron base fits an 8x8 inch hole. Price, without hose or nozzle or barrel, \$13.00.

**R-318-B** same as R-318 except fitted with one lead of 15-ft. hose with graduated vermorel nozzle like cut. Price complete, \$18.00.

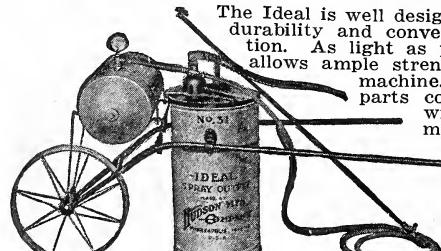


### Myer's Knapsack Spray Pump

**No. 330-P.** The tank holds five gallons. The pump has a large air chamber, ball valves, solid plunger and agitator. It is so arranged that no water can drip on the operator. The pump can be removed easily. The pump is also fitted with handle, so the operator can set the knapsack on the ground and work as a bucket pump. The handle lever can be shifted from right to left shoulder at will. Price, \$15.00.

### No. 30 Ideal Sprayer

The Ideal is well designed and built for durability and convenience of operation. As light as possible and still allows ample strength in completed machine. All working parts coming in contact with liquid are made of brass. You can pump up a pressure of 150 lbs. and machine will operate five minutes without further pumping. No. 30, without tank, \$22.50.



If you have rats or mice use Rat Corn. No matter whether you have one rat or a thousand, Rat Corn will do the work. One can of Rat Corn is better than a dozen cats. It mummifies your rodents; they leave no odor, become hard and dry as leather. Harmless to human beings. Priced in three sizes: 30c, postpaid; not postpaid, 25c; 57c, postpaid; not postpaid, 50c; \$1.10, postpaid; not postpaid, \$1.00.

### RAT CORN



### "Black Leaf 40"

Very effective for sucking insects such as plant lice, red spider, leaf hopper, thrip, etc., sprayed on. Dilute 2 teaspoonsful to a gallon of water. Price: 1-oz. bottle, 35c; ½-lb. tin, \$1.25; 2-lb. tin, \$3.50; 10-lb. can, \$13.50.

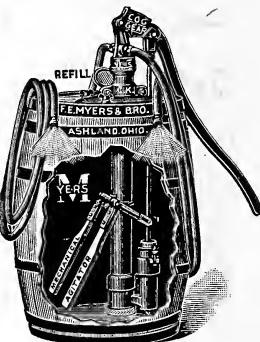
### Nico-Fume Liquid

For fumigating or spraying; contains 40 per cent nicotine. Price: ¼ lb., 75c; 1 lb., \$2.25; 4 lbs., \$8.00; 8 lbs., \$15.00.

### MYER'S SPRAY PUMPS

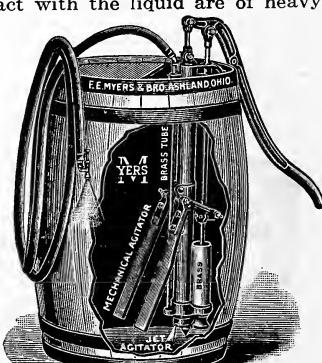
### O. K. Cog Gear Spray Pump

**No. R-308.** For hot, cold, or any kind of mixture. Has mechanical agitator, solid ram plunger, ground beveled valve and seat. The cog gear increases the leverage 33½ per cent over the ordinary plain handle. The malleable iron base, which is adjustable, is made for end or side of barrel; base for end of barrel is furnished regularly. If pump is wanted for side of barrel, it must be so stated on the order. The plunger is a solid brass tube with closed end; is outside packed and the packing is adjusted by two bolts. The air chamber is 2½ inches and this with a cog gear handle, enables the sprayer to carry a pressure of 200 lbs. or more, if necessary. Price, without hose or nozzle as shown above, \$24.00.



No. R-308

**No. R-308-B.** Same as above with one lead of 15-ft. of 7-ply ¾-inch discharge hose and one fembro nozzle, \$31.00.



No. 305-B

**No. 305-B.** This pump is made in a first-class manner. All parts that come in contact with the liquid are of heavy brass. It can be easily and solidly bolted to any barrel. The air being compressed into the chamber with a 2-inch all brass cylinder makes the spray continuous. A mechanical agitator and small jet of liquid from the pump keeps the ingredients thoroughly agitated. It sprays whitewash, calcimine, water, paints and any other liquid. Fitted with 15 ft. best 5-ply rubber hose, and graduated Vermorel nozzle complete as cut (except barrel.) Price, \$17.00.

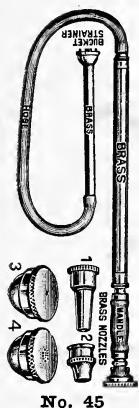


### **Sturdy Spray Pump No. 45**

Made Entirely of Brass

Used with any pail, bucket, can, barrel or tank by placing bucket strainer in such vessel. Works with ease on the up and down stroke. One brass tube works inside of the other, has brass ball valves, which will not corrode or rust. It does not require extension rods for elevating the spray, for it will spray the tallest tree from the ground.

Used with a barrel for large orchard work. It is easily operated by one man. For all kinds of spraying purposes, garden vegetables, fruit trees, orchards, washing wagons, windows, spraying disinfectants, white-washing stables and poultry houses and for all purposes where spraying is to be done. Has no leather packings or other parts to wear out. Complete with 3 feet best grade hose and four nozzles for all spraying purposes. Price, \$5.



### **Sprayer and Paint Machine**

No. R-329

Sprays any liquid. Galvanized tank holds 7 gallons. Pump made of brass, brass ball valves, malleable handle. Has patent double agitator; is a most complete and serviceable outfit. Price: \$15.00.



No. R-329

### **Perfection Sprayer**

Built on the best lines, of high grade material and with the idea of turning out a sprayer which has none of the faults and defects so common in many knapsack sprayers. The hose is attached to the sprayer at an angle so that it will not kink and become cracked and broken. The shoulder strap is attached with snaps and can be quickly and easily removed. The hose is  $\frac{5}{8}$ -inch 5-ply cloth inserted and is equipped with our automatic shut off nozzle. This sprayer handles Whitewash, Wafer, Paints, Bordeaux Mixtures, etc., perfectly. These sprayers are made in galvanized steel or brass as ordered. All sprayers tested to 60 lbs. before leaving the factory. Prices: Galvanized Steel, \$6.75. All Brass, \$10.00.



### **New Misty**

Made of heavy tin; has the same size air chamber as our other styles, and the reservoir holds about one quart and throws a single spray straight ahead. Price, postpaid, 60c; by express, 50c.

**MIDGET JUNIOR**—Same as New Misty, but holds one pint. Price, 45c; postpaid. By express, 35c.



Price 75c each; postpaid.

**PRICES DO NOT INCLUDE POSTAGE, EXPRESS OR FREIGHT EXCEPT WHERE NOTED.**

### **Little Giant**

No. 327 $\frac{1}{2}$

Complete with agitator, hose, fine and coarse spray and solid stream nozzle with malleable foot rest, will throw a stream 50 feet; 28 inches high. Made of 1 $\frac{1}{8}$  inch brass tubing. Price: \$5.

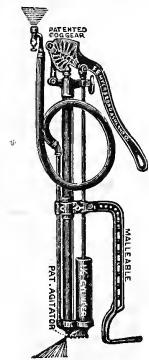


No. 327 $\frac{1}{2}$

### **Cog Gear Spray Pump**

No. R-324

This pump has 1 $\frac{1}{2}$  inch diameter brass cylinder with solid plunger, brass ball valves, brass air chamber and discharge tube. The foot rest, head and cog gear handle are malleable iron. The large cylinder in combination with the cog gear and handle makes this an exceptionally easy working pump of more than ordinary capacity. Has patented jet agitator which keeps liquids thoroughly mixed. Complete with detachable hose and graduating Vermorel fine, sprinkling and solid stream nozzle. Price: \$7.75.



No. R-324

### **Compressed Air Sprayer**

No. 296

This sprayer is made of heavy galvanized iron with 1 $\frac{1}{4}$ -inch brass tube cylinder attached to the can by means of a heavy brass screw nut. The cylinder and handle is so attached to the sprayer that it can be carried by the handle if desired and is also easily removed when necessary. The nozzle is adjustable for a broad fine spray or long distance spray, throwing water 25 feet. A very desirable sprayer.

Price: No. 296, Galvanized.....\$ 7.25

Price: No. 297, Brass.....\$ 11.00

### **Banner Compressed Air Sprayer**

No. 22

The heavy galvanized steel tank is well riveted and will stand heavy pressure. It holds 4 gallons. The pump is brass, 2 inches in diameter, provided with brass casting for screwing into tank, rust or wear out. The handle easily locks into pump head for quickly loosening or tightening pump, also, for carrying sprayer. It is provided with adjustable strap for carrying sprayer over shoulder. It has a heavy 2-ft. hose, detachable for cleaning; spring wire to prevent breaking.

**Banner Compressed Air Sprayer No. 22**

The automatic brass nozzle throws long distance, fine mist, or coarse spray. Unexcelled for spraying garden vegetables, trees and shrubs; also used for whitewashing and disinfecting poultry houses and stables. Price: \$6.50.



Compressed Air Sprayer No. 296

with threads for  
Nothing to corrode,  
Nothing to wear out.  
The handle easily locks  
into pump head for quickly loosening or  
tightening pump, also, for carrying sprayer.  
It is provided with adjustable strap  
for carrying sprayer over shoulder. It  
has a heavy 2-ft. hose, detachable for  
cleaning; spring wire to prevent breaking.

### **Feeny Duster or Powder Gun**

Save your garden with a Feeny Model B Duster. The dust cloud covers every surface of everything that is to be dusted—top sides, undersides and all; hunts every crack and crevice; nothing escapes being treated. It does the job completely. Why waste your time and material with make-shift dusters. The duster is well made throughout; nothing to wear out, and should last for years. Price: \$1.25, postpaid; by express, \$1.10.



**THE BEST DUSTER MADE.**



## IRON AGE GARDEN IMPLEMENTS

NO. 306 R. COMBINED DOUBLE AND SINGLE WHEEL HOE, HILL AND DRILL SEEDER.  
Packed weight 75 lbs., price \$17.00.



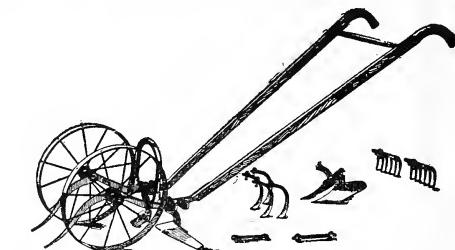
A practical tool for the market gardener; will sow all kinds of seed from Celery to Beans with the greatest regularity. Can be changed instantly from drill to hilldropper which will drop seed 4, 6, 8, 12 or 24 inches apart. Complete with cultivators, rakes, hoes, plows.

No. 306, as cut.....	\$16.00
No. 316, Hill and Drill Seeder only, no tools.....	12.25
No. 304, Same tool as 306 except does not drop in hills 15.50	
No. 318, Drill Seeder only.....	10.75

NO. 1000 E. L. FIVE TOOTH CULTIVATOR like cut, but with lever wheel, \$8.50.

1105 E. with lever expander, like cut, \$6.75.

No. 1005 PLAIN with clamp expander and no wheel, \$5.00.



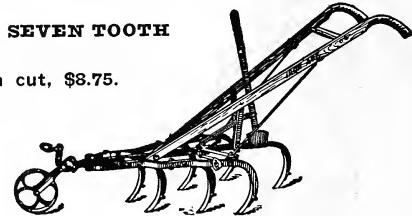
NO. 301 DOUBLE AND SINGLE WHEEL HOE  
Packed weight, 40 lbs.

An indispensable machine to the market gardener or anyone cultivating a garden. This machine complete with all attachments.

No. 301-R, Complete (like cut).....	\$ 9.75
No. 301, Like cut without Rakes .....	8.75
No. 303, With Side Hoes only.....	6.50
No. 313, With Side Hoes and Teeth.....	7.50
No. 327, Same as 301-R without hoes and Rake but with disc .....	11.25

NO. 1007 E. P. SEVEN TOOTH CULTIVATOR.

Price, as in cut, \$8.75.



## PLANET JR. GARDEN TOOLS

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow—Price complete, \$18.00. No. 4D, as a seeder only, \$14.50.

No. 12 Double Wheel Hoe, Cultivator and Plow—Price \$11.50.

No. 19 Planet Jr. Single Wheel Hoe Cultivator and Plow—Price, \$5.75.

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow—Price, \$22.00.

No. 31 Planet Jr. Combined Drill Seeder, Wheel Hoe, Cultivator and Plow—Price, \$12.50.

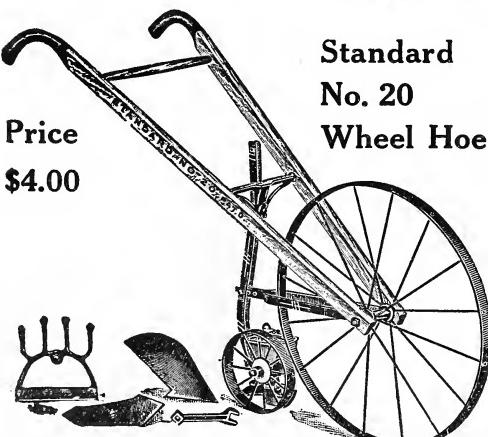
No. 103 Planet Jr. Combined Horse and Hoe Cultivator, complete with lever expander—Price, \$12.00.

No. 90-D. Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer, without pulverizer or wheel, \$14.00.

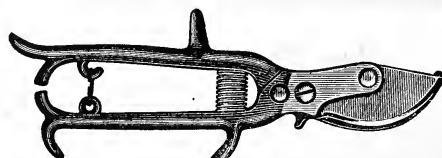
WRITE FOR PLANET JR. CATALOG.

## MISCELLANEOUS TOOLS

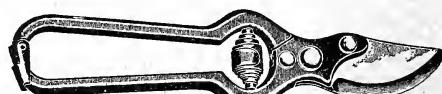
Standard  
No. 20  
Wheel Hoe  
Price \$4.00



This cultivator has five combined tools as shown in cut. Is light, yet strong. All tools made of steel as hard as a saw and nicely polished. Strong, tangent spokes, 24-inch wheel. Price, \$4. Wheel Hoe and Midget Drill Combined, \$7.25. Midget Drill (see page 71.)



No. R-10—Pruning shear. Cast Handles. 6½ inch. Postpaid, 80c; not postpaid, 75c.



No. V12—Pruning Shear. Forged tool. Steel Blade. 9 inch. Postpaid, \$1.35; not postpaid, \$1.25.



No. T25. Six-inch, transplanting trowel. One piece heavy rolled steel. Postpaid, 25c; not postpaid, 20c.

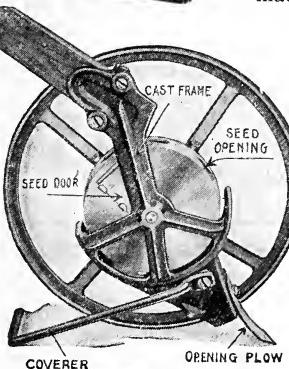
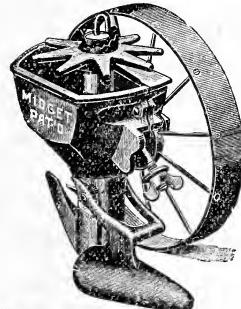


## SEED SOWERS and PLANTERS

### A New Midget Drill

#### SOWS ALL SEED

This is just the drill for the little garden. It stands about 8 inches high and will sow a 5c package of seed just as well as larger amounts. Can be attached to a wooden handle and used in a hotbed or greenhouse. Hopper holds 1 pint. The machine is made as good as larger ones. Index shows how to set. It can be attached to a No. 20 Standard Wheel Hoe. Price, \$3.50 each.

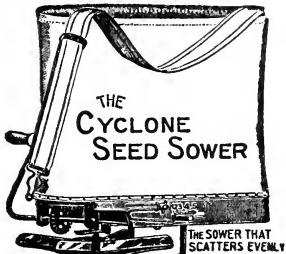


### Corn Planters

No. 11. Segment one-hand corn planter, adjustable for planting all kinds of corn. Is well made in every way. Price, by freight or express, \$1.75

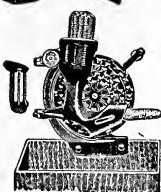


SEED CORN LISTED ON Page 34.



### Cyclone Seeder

Simple in construction and easy of operation; has automatic regulator and cutoff, and performs its work perfectly. It is practical. Price, \$2.50, postpaid.



### Corn Sheller and Tipper Combined

A fine sheller for hand use. It butts and tips your corn and then shells it, throwing the cobs out at the rear, away from the shelled corn. It has an attachment for shelling popcorn. Strong, well-made and will last a life time. Price, \$2.00.

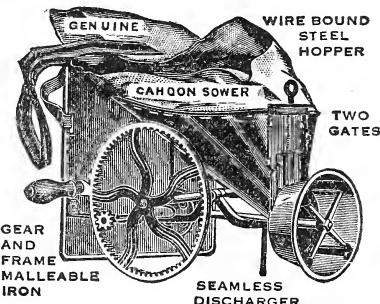
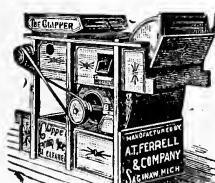
### The "Clipper"

**The "Clipper" Farm Grain and Seed Cleaners**—The Clipper Cleaner weighs every seed and kernel, rejecting the light and worthless seed. Has no equal at any price. It is well made, nicely finished, light running. Satisfaction guaranteed.

**No. 1-B—Capacity**—Wheat or other grain 20 bu. per hour; clovers, alfalfa and other seeds, 10 bu. per hour. \$35.

**No. 2-B—Capacity**—On wheat or other grain, 25 bu. per hour. Capacity on Clovers or other fine seeds, 15 bushels per hour. Price, \$42.50.

Send for catalog of fanning mills.



### Cahoon Seeders

The Cahoon Broadcast Seed Sower is a compact easily operated machine and is guaranteed to give satisfaction in every way if used according to instructions. The grain is held in a tight sheet-iron hopper, surrounded by a bag which will hold a bushel of seed. It is without doubt the best machine of its kind. Price, \$5.00 by express.

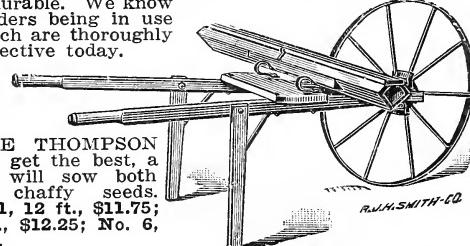
### Eureka Seed Drill

It will sow and cover Beets, Cabbage, Carrots, Celery, Lettuce, Onions, Radishes, Spinach, Turnips and all such seeds with the greatest regularity, much better and faster than hand work. It is not a toy, but a strong, practical machine. Of course when you have a large garden, you will want our Iron Age Drill, but for a few vegetables the Eureka is superb. It is the only machine suited to sow in a hotbed. Sows the smallest packet of seeds as well as a large bulk. Price, \$2.50, postpaid; by express, \$2.25.

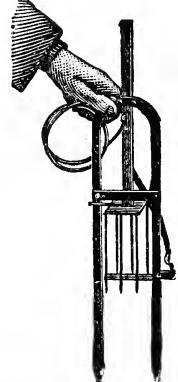


### Thompson's Wheelbarrow Seeder

Sows Clover, Timothy, Alfalfa, Red Top, Orchard Grass, Flax, Brome Grass and all Grass Seeds. No job of seedling too large for this machine. Runs easy. Sows 25 to 40 acres per day, so close to the ground that wind can never blow the seed away, insuring the operators a good even catch. Strong and durable. We know of these seeders being in use 30 years which are thoroughly good and effective today.



Order THE THOMPSON and you will get the best, a seeder that will sow both heavy and chaffy seeds. Price: No. 1, 12 ft., \$11.75; No. 6, 14 ft., \$12.25; No. 6, 16 ft. \$12.75.

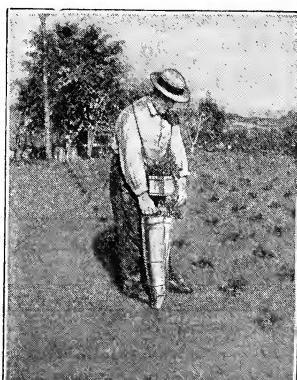


### Little Giant Mole Trap

Self-setting, simple, safe and sure. The cheapest good trap on the market. Has steel wire coiled spring Japanned; entire trap double tinned, rust-proof. In the early part of the season the mole run shows above the ground and all that is necessary is to press on the runway with the heel, closing it for a few inches, and set the trap directly straddle of the run. Don't let the mole ruin your lawn or garden; you can be rid of them easily by using a Little Giant Mole Trap. Price: \$1.30, postpaid; \$1.15, not postpaid.

### Master's Rapid Plant Setter

Is a practical tool for transplanting cabbage, tomatoes, tobacco, sweet potatoes, cauliflower, peppers, egg plants, strawberries and all similar plants. Each plant is set, watered and covered in one operation. There is no stooping or bending over. Just straight ahead, easy pleasant work. All of the hard, tedious work of hand setting is done away with. One man will set more plants than three men can do by hand and do it better and easier. It does perfect work and every plant will grow. Any man with very little practice can set 12,000 plants per day. The setter is 30 inches tall, 6½ inches wide and carries water for 125 to 150 plants at each filling. It is very durably constructed and will last for years. Satisfaction guaranteed. Price, \$6.00.





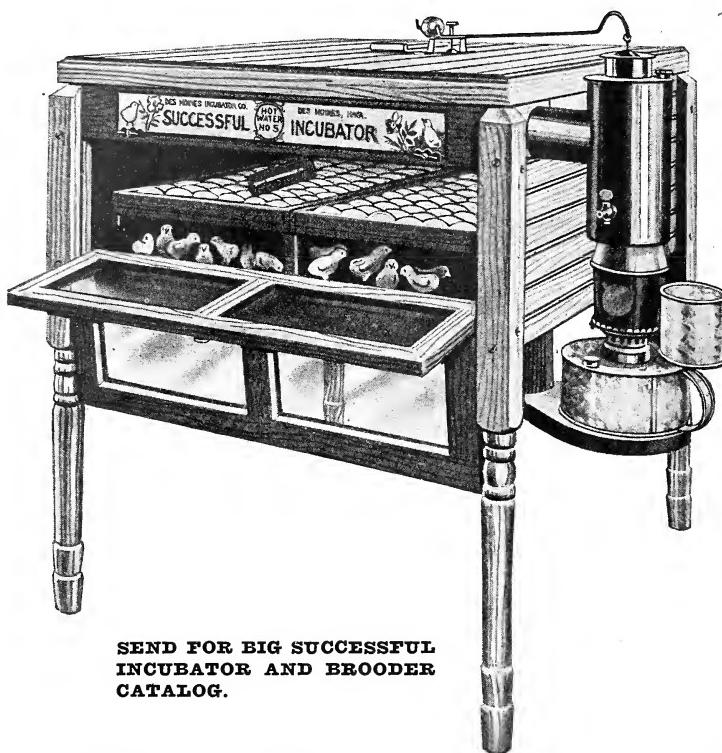
# The Old Reliable, Time Tried, Dependable, SUCCESSFUL

## Incubator

Built of honest materials—honestly advertised—thoroughly guaranteed—has given satisfaction for over thirty years. Sold at a fair price. You can't buy a better incubator at any price.

No. 4—312 Egg Size, only.....	\$41.50
No. 9—240 Egg Size, only.....	36.00
No. 5—175 Egg Size, only.....	30.00
No. 6—120 Egg Size, only.....	24.00
No. 0—60 Egg Size, only.....	15.00
300 Unit Hatcher, only.....	44.00

Ask your neighbor about the Successful and its many exclusive features or write us for a catalog. We carry a complete stock, insuring prompt service and delivery from Lincoln.



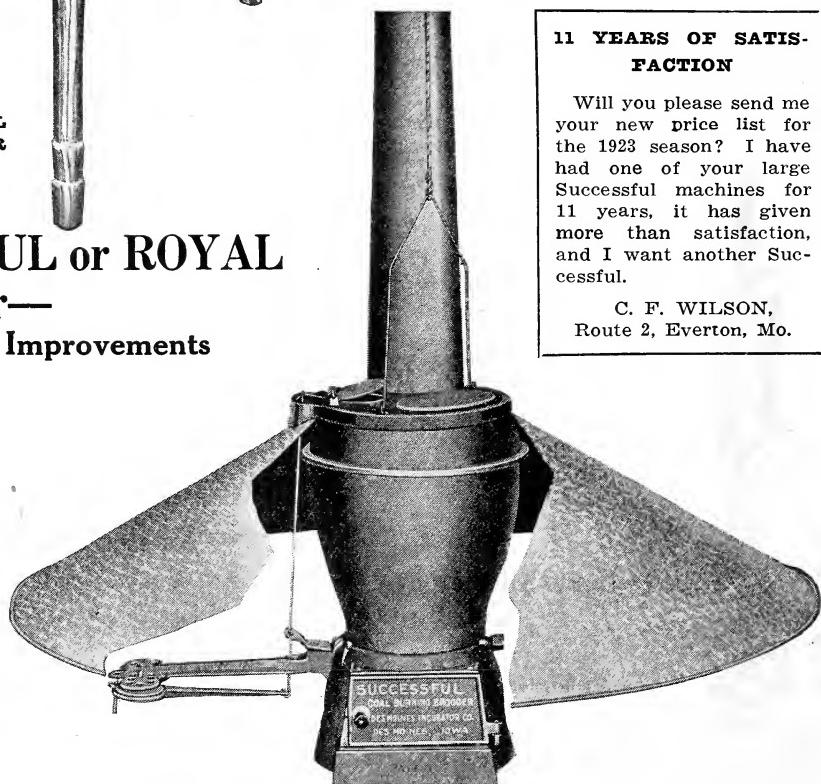
SEND FOR BIG SUCCESSFUL  
INCUBATOR AND BROODER  
CATALOG.

## The New SUCCESSFUL or ROYAL Coal Burning Brooder—

### Special Features and Improvements

1. Larger and heavier. See specifications.
2. Semi-Magazine type fire pot. Greater coal capacity.
3. Takes 5-inch pipe. Burns soft coal, hard coal or coke.
4. Double draft. Both the check draft and the direct draft to the fire, are automatically regulated by the two thermostat wafers.
5. Latest improved full rocker type grate.
6. Larger filling hole on top—oval shape.
7. Extra heavy set up hover, wire bound, well crated.
8. Complete with ash pan, cable, pulleys, etc.

Just the stove you have been looking for. Designed to burn soft coal. The most practical, economical, dependable brooding device on the market today. You can sleep nights, without fear of "accident" if you brood your chicks under a Successful canopy.



### MADE IN TWO SIZES

No.	Capacity	Height	Base	DIAMETER Grate	Canopy	Shipping Weight	Price
50	500 Chick	21 1/2 -inch	12 1/2 -inch	8 1/2 -inch	42 -inch	90 lbs.	\$21.50
55	1000 Chick	23 -inch	13 1/4 -inch	9 1/2 -inch	52 -inch	100 lbs.	\$26.50

Send for Big Successful Incubator and Brooder Catalog



## BUCKEYE INCUBATOR

Sold on 40 Days' Trial with an Absolute Guarantee to Hatch Every Hatchable Egg. This Is a Guarantee That Means Something.

The Buckeye is GUARANTEED to hatch MORE CHICKS and STRONGER CHICKS than any other incubator.

It is further guaranteed:

To require no artificial moisture. To operate satisfactorily in any temperature down to freezing, and to require no attention to the regulator from the time a hatch is started until it is finished.

The perfect construction of all its mechanical parts is also guaranteed, and any incubator or part thereof that does not fulfill our guarantee in every particular, will be replaced without question any time within 40 days.

Over four hundred thousand (400,000) satisfied users represent the proof that we offer in support of Buckeye superiority—little breeders, big breeders, beginners, experts—breeders that include every class from boys and girls with a little 60-egg machine—up to the tremendous poultry plants with capacities of 50,000 eggs and more—all uniting in the same verdict.

It is no longer considered a feat to build an incubator that will hatch, "some" chickens from "some" of the eggs placed in it (there are many such incubators on the market), but the successful incubator is the MACHINE THAT WILL HATCH A CHICKEN FROM EVERY HATCHABLE EGG—the vigorous kind of chicks that start to grow the moment they are hatched, and continue to grow without forcing or doctoring.



SEND FOR BIG BUCK-EYE INCUBATOR AND BROODER CATALOG.

### BUCKEYE PRICE LIST

No. 14, Style E—Capacity 60 Eggs.....	\$16.50	No. 2, Standard—Capacity 175 Eggs.....	\$44.50
No. 16, Style E—Capacity 110 Eggs.....	27.50	No. 3, Standard—Capacity 250 Eggs.....	57.75
No. 17, Style E—Capacity 200 Eggs.....	36.75	No. 4, Standard—Capacity 350 Eggs.....	68.00
No. 1, Standard—Capacity 110 Eggs.....	37.50	No. 5, Standard—Capacity 600 Eggs.....	107.00

## THE STANDARD COLONY BROODER

THE MOST REMARKABLE COAL BURNING BROODER EVER INVENTED

Self-Feeding

Self-Regulating

Simple

Safe

Everlasting

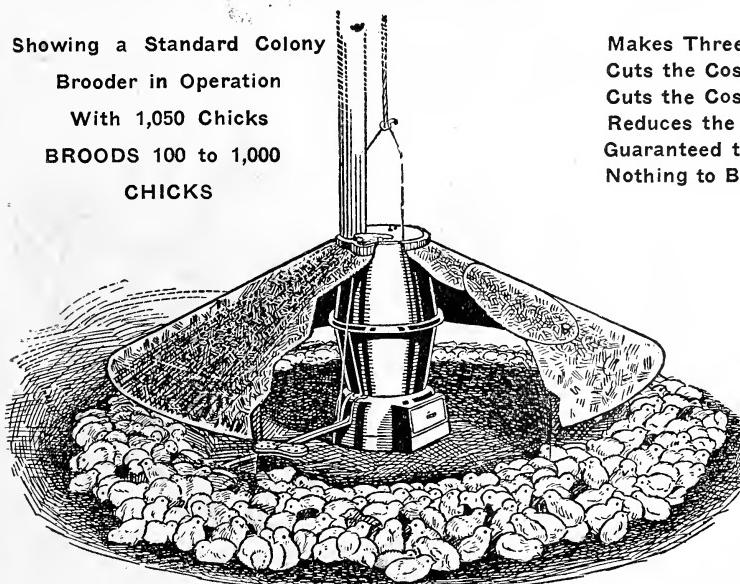
Showing a Standard Colony

Brooder in Operation

With 1,050 Chicks

BROODS 100 to 1,000

CHICKS



Makes Three Chickens Grow Where One Grew Before.

Cuts the Cost of Equipment to Less Than Half.

Cuts the Cost of Operation to Less Than Half.

Reduces the Time and Labor to Less Than a Fourth.

Guaranteed to Raise More Chickens and Better Chicks.

Nothing to Break. Nothing to Wear Out.

This type of brooder can be satisfactorily operated in any locality or under any conditions. The especially built coal-burning stove for brooding purposes is self-regulating. The whole apparatus has one adjustable nut and not even a thermometer is necessary. It burns any kind of coal, is self-feeding and is guaranteed to run more than 12 hours in any weather on one filling of coal at an average cost of 10 cents per day. The coal is poured in at the top of the stove. It is fire-proof, and is so simple that a boy or girl can operate it.

The air is always pure and fresh. There is no damper or valve of any kind between the smoke stack and the fire draft. It is controlled by an ingenious device that makes them unnecessary. The fresh air is provided by the automatic action of the draft on the stove.

This year we offer this Brooder in three sizes. They are exactly alike. The small one works just as satisfactorily as the large one. Price: No. 18, hovers 50 to 500 chicks, \$21.50; No. 19, hovers 100 to 1,000 chicks, \$26.50; No. 25 (burns soft coal), \$30.00.



## GRISWOLD'S BABY CHICKS

Baby chicks are a great specialty with us. They are hatched in one of the largest hatcheries in the West in Mammoth Buckeye Incubators. We do not have to pick up our chicks in a hap-hazard way, neither do we accept any inferior stock from our sources of supply. The farm and flocks of breeders that supply the eggs for hatching the Baby Chicks have all been carefully inspected, the flocks being culled to insure the highest quality of utility stock, true to name, and full of vitality. We have sold baby chicks for a number of years and believe that the vitality of the chicks depends to a large extent upon the quality and vigor of the stock from which the eggs are secured, and we have been very careful that these flocks have been thoroughly inspected. We have confined the number of breeds that we handle to the more common kinds, preferring to develop a number of the leading breeds.

### Book Your Orders in Advance

We have anticipated a very active season in the sale of baby chicks and have arranged for a large supply, but, as is the case nearly every spring, a great many are disappointed in getting their chicks at a specific time, we cannot too strongly urge that orders be placed in advance. All orders are filled in the order they are received. We will book your order for future delivery on a deposit of 25 per cent, and the balance one week before date of delivery will insure delivery. No chicks sent C. O. D. We ship by Parcels Post. Write name and shipping instructions plainly.

### Care of Baby Chicks

Prepare a place for them with a complete equipment before they are due to arrive from the hatchery. This should include a clean, dry, well-lighted floor space, ventilated but not draughty. An electric, oil, or coal-burning brooder should be chosen,

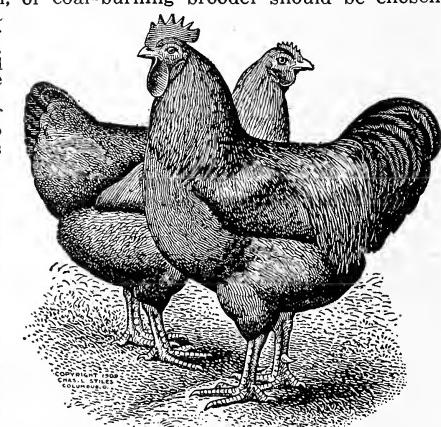
Barred Rocks, standard weights, cock 9½ lbs., cockerel 8 lbs., hen 7½ lbs., pullet 6 lbs.

according to the needs and facilities of the operator, and put in operation for a few days in order to become familiar with it and adjust the temperature regulator. Those that we list will give you good service; they differ only in size, style and price. They are all guaranteed to give satisfaction. It is a good plan to cover the floor with sand as it is easy to clean and provides grit for the chicks.

On arrival, take the chicks out one at a time and put them under your brooder at a temperature from 90 to 95 degrees. Heat is as necessary as food to baby chicks, and it is the first requirement necessary to success. For the first feeding, we would use a Buttermilk Starting Food fed in baby chick hoppers. They should have plenty of fresh water, but not cold water, before them at all times.

### Safe Arrival Guaranteed

If any of your Baby Chicks should die in transit, we will refund you the money on your loss above 3 per cent, or will ship you additional chicks to cover the loss. To get the benefit of this guarantee, you must count your chicks in the presence of your postmaster or your mail carrier at the time of delivery, get his signature as a witness to your statement of loss and mail it immediately to us. This is fair to you and fair to us. We ship chicks out to a great many customers every month during the hatching season and have found that this is the one way to protect and satisfy everybody. No other claims can be allowed.



Rhode Island Reds. Standard weights, cock 8½ lbs., cockerel 7½ lbs., hen 6½ lbs., pullet 5 lbs.

S. C. White Leghorns. Standard weights, cock 5½ lbs., cockerel 4½ lbs., hen 4 lbs., pullet 3½ lbs.

### Baby Chick Prices

BREED	25 Chicks	50 Chicks	100 Chicks	500 Chicks	1000 Chicks
Barred Plymouth Rocks.....	\$4.50	\$8.50	\$16.00	\$77.50	\$150.00
White Plymouth Rocks.....	5.00	9.00	17.00	80.00	150.00
White Wyandottes .....	5.00	9.00	17.00	80.00	150.00
Rhode Island Reds.....	4.50	8.50	16.00	77.50	150.00
Buff Orpingtons .....	5.00	9.00	17.00	80.00	150.00
Light Brahmans .....	5.00	9.50	18.00	87.50	170.00
Mottled Anconas .....	4.50	8.50	16.00	77.50	150.00
S. C. White Leghorns.....	4.25	8.00	15.00	72.50	140.00

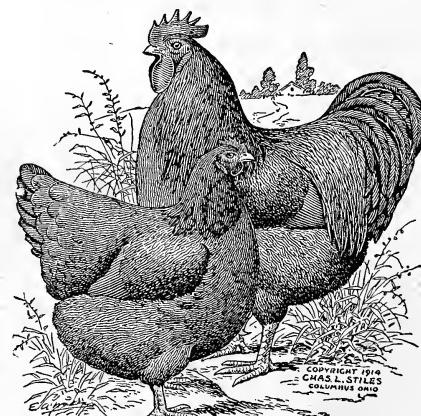
PRICES OF BABY CHICKS SUBJECT TO CHANGE

### Buttermilk Starting Feed

A ready prepared food for baby chicks, composed of hulled oats, wheat-shorts, wheat, corn, prepared buttermilk, bone, iron sulphate, gentian root, and prepared mustard mixed in the proper proportions.

Buttermilk Starting Feed supplies buttermilk to the chicks in dry form only the water eliminated; supplies all the needs to the chick except for fine grit and drinking water until one week old, then add green food. In the second week begin feeding Lincoln Brand Chick Feed in the litter to induce exercise.

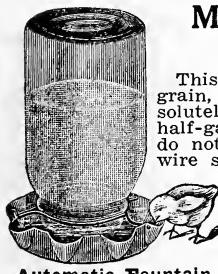
For Price, See Colored Price Sheet Enclosed.



Buff Orpingtons. Standard weights, cock 10 lbs., cockerel 8½ lbs., hen 8 lbs., pullet 7 lbs.



## POULTRY SUPPLIES



Automatic Fountain

### Mason Jar Fountain and Feeder No. 1

This appliance for chicks, feeds water, grain, grit, etc., automatically. It is an absolutely sanitary fountain made to fit any half-gallon, quart or pint Mason jar. We do not furnish jars. Pan is hinged to the wire so that it is not necessary to remove the can in order to fill it.

Prices	Prices
Not Postpaid	Postpaid
Each 15c	Each 20c
2 for 25c	2 for 35c
Doz. \$1.25	Doz. \$1.50

### Mason Jar Fountain and Feeder No. 2

Made in two kinds, one extra heavy galvanized iron, other from charcoal tin. No solder used. Very substantial pan with heavy rolled edge; electric welded center; can be used for Chick Feed as well as Water. The Charcoal Tin Fount is designed for dispensing Buttermilk and Sour Milk especially. We do not furnish the Glass Jars.

Prices Not Postpaid	Charcoal
Galv.	Tin
Each ..... \$ .15	\$ .15
2 for ..... 25	3 for .40
Doz. ..... 1.25	1.50
Prices Postpaid	Charcoal
Galv.	Tin
Each ..... \$.20	\$.20
2 for ..... 35	3 for .50
Doz. ..... 1.50	1.75

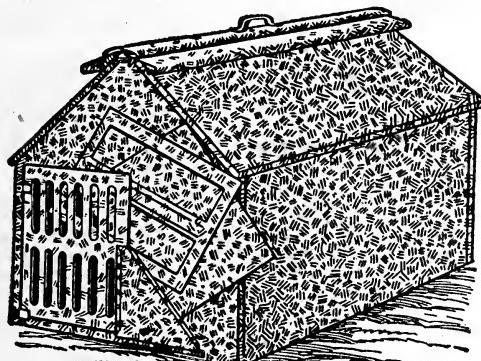


### Two-Piece Drinking Fountain

This fountain consists of a cone-shaped bucket or can, and a stamped pan which forms the base and the trough from which the fowls drink. Both parts are made of galvanized sheet steel and all parts are well soldered.

The top is pointed so as to prevent chickens from standing or roosting on it.

1 Quart Two-Piece Fountains.....	35c
2 Quart Two-Piece Fountains.....	45c
3 Quart Two-Piece Fountains.....	60c



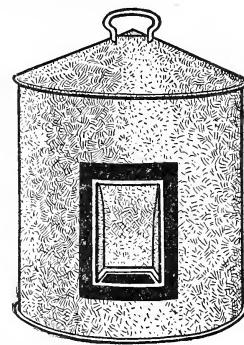
### Sanitary Brood Coop

Made of galvanized iron. It is mite, rat, weazel, mink and skunk proof. It can be taken down and put up in 40 seconds, the bottom can be removed for cleaning without taking the coop apart. It has three doors hung on one pivot; the first a slat floor which lets the chicks out; the second, of one-half inch wire netting, for use on hot nights; the third is of solid iron for cold and stormy weather. The coop is well ventilated but is entirely rainproof. It is approximately 18x24 inches square and 16 inches high. It can be carried with one hand to any convenient location. Price; each, \$2.25; 6 for \$11.00; 12 for \$21.00, by express.

**ALL PRICES ON THIS PAGE SUBJECT TO CHANGE.  
FREIGHT EXCEPT**

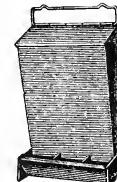
### Royal Thermos Fountain

These sanitary, non-freezing fountains are made of the best quality of galvanized iron with double walls and packed with an efficient insulating material; keeps the water warm in winter and cool in summer; insulation is completely around the inside tank. Extra heavy malleable handle, well fastened, for carrying. Special reinforced bottom  $\frac{3}{4}$ " off the ground. Extra wide and deep pockets. Inset pocket and cone top, keeps water in drinking pocket clean. Absolutely guaranteed. Price: 2 gal., \$3.50; 3 gal., \$4.00; 5 gal., \$5.00.



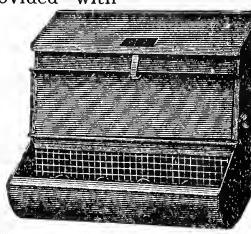
### Standard Grit and Shell Box

This Grit and Shell Box has slanting front, inclined top and round bottom to trough. Just the thing to hold oyster shell, charcoal and grit for a small flock of fowls. Price of Grit and Shell Box, 90c. Shipping weight, 2 lbs. each.



### Improved Handy Hopper

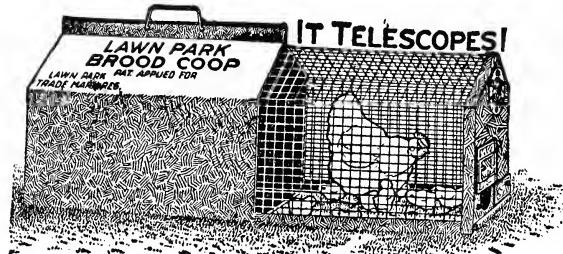
The Improved Handy Hopper is made of galvanized iron throughout. All parts are spot welded together. It is provided with hinged lid over both hopper and trough, making it rat and mouse proof, as well as dirt proof. It is provided with a swinging front, adjustable to suit any kind of dry mash and which eliminates any possibility of clogging. Hopper is 15 inches in height and  $4\frac{1}{2}$  inches in width and made in four lengths:  
No. 1—12 in. in length.....\$1.75  
No. 2—18 in. in length.....2.40  
No. 3—24 in. in length.....2.75  
No. 4—36 in. in length.....3.90



### Chick Feed Trough

These troughs are very convenient for feeding flocks of growing chicks. Trough is made on a half circle so that every bit of feed can be easily eaten out of it.

No. Feeding	Holes	Price
Lgt. 12 in.	16	30c
18. in.	26	40c
24. in.	34	50c



### Lawn Park Brood Coop

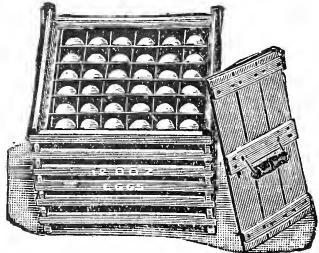
It is made entirely of galvanized materials. Will not rust, and is absolute proof against all chick enemies, cold and storms. The body of the coop is made from strong 28-gauge galvanized steel with removable bottom; easily cleaned; highly sanitary. 18 in. wide,  $19\frac{1}{2}$  in. high, and 24 in. long with park closed, and 48 in. long with park extended. The wire park is made from heavy  $\frac{1}{2}$ -inch mesh galvanized wire screen. The park runway being bottomless lets them range on grass. Easily moved. Price: \$4.25 each; 6 for \$22.50.

**PRICES DO NOT INCLUDE POSTAGE, EXPRESS OR FREIGHT WHERE NOTED.**



## POULTRY SUPPLIES—Con't.

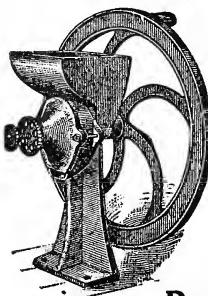
## Humpty-Dumpty Egg Carrier



Ship eggs easily without breaking. Farmers and poultrymen make big profits shipping eggs the Cummer way in Humpty-Dumpty Egg Carriers. Customers return case by mail knocked down, for it is a Humpty-Dumpty folding crate; light in weight, strong and durable. No tools required to set them up. No bothersome work in packing. Can be used over and over. Millions used by packers and shippers.

12 doz. size, 75c each; 6 for \$3.90; 12 for \$7.00. Add 15c each for postage.

## No. 32 Hand Grinding Mill



In this mill are embodied all the good features of other hand grinding mills, to which have been added universal burrs or grinding plates that are adjustable for grinding coarse or fine. This machine grinds oats, barley, rye, corn, peas, dry bone, shells, etc., for feeding to poultry. It is a well-designed machine, is strong and well made throughout and of excellent finish, has a 16-inch fly-wheel, and is light running. The capacity of this mill is not equaled by any other of the same size. Shipping weight 40 pounds. Capacity, 1 to 2 bushels per hour. Price, \$4.90.

## Poultry Leg Bands



## ALUMINUM ADJUSTABLE LEG BANDS

Doz., 15c; 25 for 25c; 50 for 50c; 100 for 85c; postpaid.

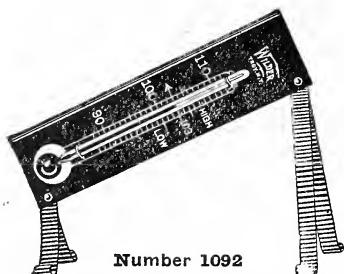
## SPIRALET CELLULOID LEG BANDS

Ten colors, light blue, dark blue, red, yellow, green, white, pink, ruby, cerise, black.

## SPIRALET PRICES

	12	25	50	100	250	500	1000
No. 4 Baby Chicks	\$0.10	\$0.20	\$0.35	\$0.60	\$1.25	\$2.25	\$4.00
No. 6 Growing Chicks	.....	.....	.....	.....	.....	.....	.....
Chicks .....	.10	.20	.40	.75	1.65	2.75	4.25
No. 8 Leghorns .....	.15	.25	.45	.80	1.70	2.90	5.00
No. 11 Rocks, Reds..	.15	.30	.50	.90	1.90	3.25	6.00
No. 12 Asiatics .....	.20	.35	.60	1.00	2.25	4.00	7.00

**THE PETTEY POULTRY PUNCH** for marking chicks by punching the web of the feet is made of steel, nickel plated. It is substantially made, cuts a clean hole, and is convenient to use. Price: 25c; postpaid.



Number 1092

## Tested Thermometers

Can be used in any Incubator or Brooder.

Each "Wilder" Thermometer is carefully inspected, and is compared with a standard instrument before leaving the factory and is guaranteed accurate within the smallest fraction of a degree. It maintains this accuracy year after year.

## Number 1092

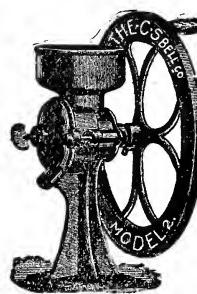
Being equipped with adjustable legs to stand on, it has become very popular. One of our best sellers. Price, 90c; postpaid.

## No. 1096

Equipped with legs to stand on and wires to hang on. Price, 90c; postpaid.

## Henfriend Water Fount

Made of very best galvanized iron, cheap, practical and durable, protected from dirt, yet easy to clean; will not drown the chicks; easy to fill and carry as a pail. Keeps the water cool in summer. Filled with hot water in the morning will not freeze during the day in cold weather. A child can fill it. Price: 2½ gal. size, postpaid, \$1.15; not postpaid, \$1.00; 1 gal. size, postpaid, 90c; not postpaid, 75c; ½ gal. size, postpaid, 60c; not postpaid, 50c.



Model Mill



This has proven to be one of the best Hand Grinding Mills on the market. Grinds corn, wheat, oats, etc. Capacity, No. 1, ½ to 1 bu. per hour; No. 2, 1 to 2½ bu. per hour. Price: No. 1, \$3.25; No. 2, \$5.25.

## BEE SUPPLIES

We carry a complete line of Beekeepers' Supplies. Send for Bee Supply Catalog.

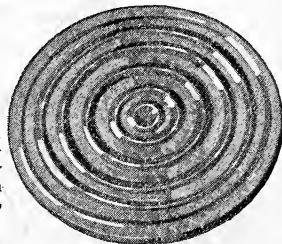
## Rogers Poultry Punch

The "Money-Back" Poultry Punch. The only guaranteed Poultry Punch on the market. If you are not absolutely satisfied after using it, you can return it and get your money back. When marking chicks it is always in place, hanging on your little finger. You don't need to lay it down while getting another chick, nor stop to adjust it to position on the chick's foot. Price, 40c; postpaid.

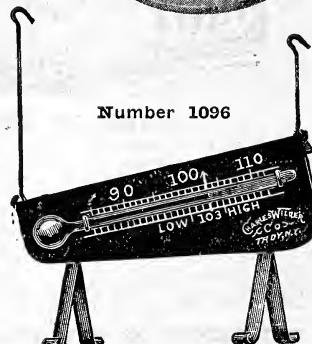


## Wafers for Brooders

This is the standard double 3-inch Wafer used on the majority of Brooder Stoves. It will fit any one of the standard Brooders on the market. Price, 60c each, postpaid.



Number 1096





## GOOD POULTRY REMEDIES



### Healthy Poultry Pays

Only vigorous, healthy birds can produce profits. If disease enters your flock act quickly with reliable remedies. Better still, prevent disease before it starts. We recommend Conkey's because we know Conkey's are absolutely dependable. Conkey's must satisfy you or we'll refund your money quick. Send 4c stamps for valuable book on making poultry pay.

### Conkey's Poultry Remedies

Each Article Must Satisfy or You Receive Your Money Back

Prices Postpaid

By Express

Roup Remedy .....	.30c	\$1.20	Poultry Tonic, 12-lb. pail....	\$1.60;
White Diarrhoea Remedy.....	.30c and .60c		Lice Liquid (1 quart) .....	.60
Cholera Remedy .....	.25c and .50c		Lice Liquid (1/2 gallon) .....	.90
Head Lice Ointment.....	.10c and .25c		Lice Liquid (1 gallon) .....	1.50
Lice Powder .....	.25c and .50c		Fly Knocker (1 quart) .....	.60
Poultry Tonic .....	.25c and .50c		Fly Knocker (1/2 gallon) .....	.90
			Fly Knocker (1 gallon) .....	1.50

### PRATT'S POULTRY REMEDIES

"MONEY BACK IF THEY FAIL"  
PRATT'S ROUP CURE



Is a scientific preparation in tablet form, and when dissolved in water is absorbed by the blood at once, purifying the system, allaying inflammation and reducing the fever. It not only cures, but prevents roup, colds, canker, catarrh and diphtheria and should be given to all fowls frequently to keep diseases away. Pratt's Roup Cure is quite different from many so called roup cures, which may cure a cold, but never a genuine case of roup. Extra large boxes, 50c; smaller size, 25c; postpaid.

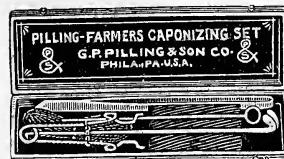
Lice Powder, 25c and 50c pkgs., postpaid.  
Pratt's Gape Remedy, 25c and 50c packages.  
Pratt's Condition Tablets, 25c and 50c packages.  
Pratt's Bronchitis Remedy, 25c and 50c pkgs.  
Pratt's White Diarrhoea Remedy, 25c and 50c packages.  
Pratt's Chicken Cholera Remedy, 25c and 50c packages.  
Pratt's Scaly Leg Remedy, 30c and 60c pkgs.  
Pratt's Sorehead and Chickenpox Remedy, 30c and 60c packages.

Pratt's Red Mite Special, 1 quart, 50c; 2 quarts, 90c; 1 gallon \$1.50; by express.

Pratt's Poultry Regulator, 25c, 50c, \$1.10 packages postpaid; 12 lb. pkg., \$1.40; 12 lb. pail, \$1.65; 25 lb. pail, \$3.00, by express.

Pratt's Poultry Disinfectant and Lice Killer, 1 qt., 55c; 2 qts., 90c; 1 gal., \$1.50, by express.

### Farmer's Caponizing Set



Poultry Keeping Made Profitable by Caponizing—A constantly growing demand for Capons—Capon Bring Higher Prices than Turkeys.

The big profit in poultry raising is gained by detail work—the getting the most out of every branch of the business. On the average farm, each year's output of male chickens are sold for less than their actual cost of production. There is no need of this. In fact, the males can be made more profitable than the females. How? By caponizing. Turn the loss into profit. Capon culture is today the best paying branch of the market poultry industry. What is more, the demand is increasing more rapidly than the supply.

Caponizing is an easy art, and perfection comes with little practice. Many fail because of poor instruments. Most of the tools are better looking than they are practical. This set is simple and easy to use. Full directions with each set. Price, \$3.25, postpaid.

ALL PRICES ON THIS PAGE SUBJECT TO CHANGE  
PRICES DO NOT INCLUDE POSTAGE, EXPRESS OR FREIGHT EXCEPT WHERE NOTED



### Don Sung

(Chinese Egg Laying Tablets) Make Hens Lay.

Don Sung is a balanced mineral conditioner. It improves the hen's health, tones up her egg-laying organs, and makes her stronger and more productive. It helps supply, during Fall and Winter, those mineral elements, lacking in the feed at that time.

Costs Nothing to Try—Give Don Sung to 15 hens for 30 days. If it doesn't show you a big increase in eggs, if it doesn't pay for itself and a good profit, your money will be promptly refunded.

Prices: Trial size, 50c; large size, \$1.00, holds three times the 50c size; Special Size (six times the \$1.00 size), \$5.00.

**WE GUARANTEE—"MORE EGGS OR NO PAY."**

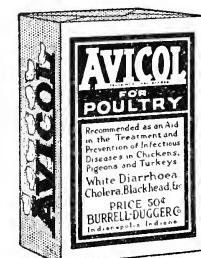
### Sulphur Candles

For fumigating and destroying vermin they are sure and cheap. Used extensively by poultrymen to kill lice and disease germs from poultry. Kills the mites that stay in the henhouse and all disagreeable odors. Hens must be free from lice, healthy and contented to be profitable. You can do it by burning sulphur candles in your houses. Price, 15c each, postpaid.



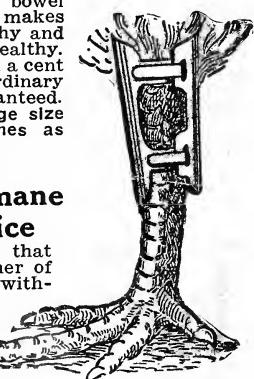
### Avicol Stops Chicks Dying

**EVERY PACKAGE OF AVICOL FULLY GUARANTEED.**



For years, thousands have saved their sick chicks and raised nearly every chick in every hatch, by keeping Avicol in the drinking water.

Avicol is a bowel antiseptic. It makes chickens healthy and keeps them healthy. Costs less than a cent a day for an ordinary flock. Guaranteed. Price 50c; large size (almost 3 times as much), \$1.00.



### The Humane Anti-Hen Setting Device

The only device ever invented that will stop a hen setting and cure her of broodiness in 24 hours and do it without the slightest pain or suffering for the hen, and no wasted time and trouble for you. Clasp on leg and let the hen run free for 24 hours, then remove. Price: 10c each; dozen, \$1.10; postpaid.

**BABY CHICKS, SEE PAGE 74.**



# LINCOLN BRAND POULTRY FEEDS

## FEEDING POULTRY FOR PROFIT

While there are a number of different factors that are essential to successful poultry culture, not one of them is of more importance than the feeding of the fowls.

A breeder may have a flock of birds from one of the best strains in the world, but unless they are properly fed, they cannot give the returns that they would in response to proper feeding coupled with good care. If the fowls are to be kept healthy, vigorous and productive they must be supplied with these three food elements: Protein, to make muscle; Carbohydrates, to supply heat and energy; and Ash, to make bone.

Neither Scratch Feed nor Poultry Mash is a complete food, but for best results should be fed together. A fowl should eat half a pound of mash for every pound of grain consumed to produce the greatest number of eggs.

In order that the fowls may be induced to eat sufficient mash, it is the common practice to give a light grain feed in the morning allowing access to the mash through the day and then feeding a heavier grain ration at night. Should they eat more mash than desired, the hoppers containing same may be closed for a portion of the day. It will be found that some fowls and flocks will eat more mash than others and the dropping boards will usually indicate when such is the case.

Always keep plenty of fresh water before the fowls at all times. In winter use a heated water fountain or a fountain made on the thermos bottle plan. These may be found listed on page 75.

**LINCOLN BRAND CHICK FEED**—We mix Lincoln Brand Chick Feed by the carload, selling several carloads during the chick season. This feed is made of the sweetest, purest and cleanest cracked grains and seeds of a uniform size and mixed in the proper proportions for best results for small chickens. We recommend feeding Buttermilk Starting Feed with Lincoln Brand Chick Feed, but as Buttermilk Starting Feed is quite expensive, it need not be fed but the first few weeks, then feed Lincoln Brand Poultry Mash.

Ground feed for chicks should be fed in hoppers the same as for hens. Give the chicks plenty of fresh drinking water, keeping it before them at all times in fountains and feeders such as you will find listed on page 75.

**LINCOLN BRAND DEVELOPING FEED**—Is made of the same high quality of seeds and grains and mixed in the same manner as our Lincoln Scratch Feed, except that the size of the seeds and grains is made suitable for growing chicks. It is made of wheat, kaffir corn, milo maize, cracked corn, buckwheat and millet; the grains being cracked the proper size for growing chicks. It should be fed with Lincoln Brand Poultry Mash after the chicks are too large for our Lincoln Brand Chick Feed.

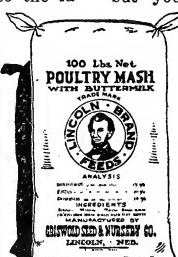
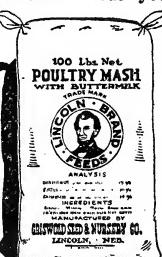
**LINCOLN BRAND POULTRY MASH**—(with buttermilk)—Is made of alfalfa flour, meat meal, powdered buttermilk, wheat shorts, corn flour, ground oats, wheat bran, kaffir flour, with 1% salt and 1% charcoal. It is balanced for use with our Lincoln Brand Scratch Grains, covering the diet at a lower cost than at which the poultry raiser can buy the ingredients separate and mix them himself.

Powdered buttermilk, besides being a food of very high value, has very decided properties of increasing assimilation of foods fed with it. It makes foods go farther due to its action as a cereal protein solvent. It is an intestinal and digestive regulator, useful in preventing such diseases as white diarrhoea, due to the antiseptic action of the lactic acid. Pure Powdered Buttermilk adds to the ration vitamins, an essential to growth. Only a few foods contain this element, and Pure Powdered Buttermilk offers the best way to obtain it.

Alfalfa flour is the best grade of alfalfa hay ground very fine, which makes it especially good for poultry feed. It supplies a green food with the mash feed that is very valuable. The meat meal is of the very best quality, made especially for feeding purposes. Charcoal is very valuable for its medicinal purposes in aiding the process of digestion. All other ingredients are of the best quality possible to obtain. Our feed is carefully and thoroughly mixed by hand, insuring uniformity. Lincoln Brand Poultry Mash fed with Lincoln Brand Scratch Feed will cause the hens to lay the greatest number of eggs. Lincoln Brand Poultry Mash fed with Lincoln Brand Developing Feed will develop young stock the quickest. Lincoln Brand Poultry Mash fed with Lincoln Brand Chick Feed will make chicks grow the fastest the first six weeks.

**LINCOLN BRAND LAYING MASH**—Is a high protein mash made especially for laying hens. It is made of alfalfa flour, meat scraps, oil meal, wheat bran, corn meal, wheat shorts, kaffir flour, corn flour, and charcoal.

Lincoln Brand Laying Mash is different from the Poultry Mash in that there is no dried buttermilk in the mixture; also, it is not ground quite as fine. We put Lincoln Brand Laying Mash on the market several years ago and we have hundreds of satisfied users. For quick results it has no equal. It should be fed with Lincoln Brand Scratch Feed, being kept in a hopper before the hens at all times.



**BUTTERMILK STARTING FEED**—A ready prepared food for baby chicks, composed of hulled oats, wheat shorts, wheat, corn, prepared buttermilk, bone, iron sulphate, gentian root, and prepared mustard mixed in the proper proportions.

Buttermilk Starting Feed supplies buttermilk to the chicks in dry form with only the water eliminated; supplies all the needs of the chick except for fine grit and drinking water until one week old, then add green food. In the second week begin feeding Lincoln Brand Chick Feed in the litter to induce exercise.

**LINCOLN BRAND SCRATCH FEED**—Is made of wheat, kaffir corn, milo maize, yellow cracked corn, barley, buckwheat, and sunflower. These seeds and grains are of the very best quality and after thorough mixing, Lincoln Brand Scratch Feed is run through our big cleaning mills where it is carefully recleaned. We would like to have you compare our Lincoln Brand Scratch Feed with any other on the market as to ingredients, quality, cleanliness, color and size. Lincoln Brand Scratch Feed may be thrown in the litter and there will be no waste whatever as there is no finely ground grain that the fowls will not pick up.

Lincoln Brand Scratch Feed should be fed with either Lincoln Brand Poultry Mash or Lincoln Brand Laying Mash. This will make a balanced ration, and a balanced ration is what is needed to make eggs and the greatest development.

**ALFALFA FLOUR**—Is the best grade of alfalfa hay ground very fine, which makes it especially good for poultry feed. It supplies a green food that is very valuable.

**BLOOD MEAL**—This is pure, rich, dried blood. Very fine for incubator chicks, as it prevents loss from breaking down or leg weakness. Good to start hens laying. Feed one part blood meal to fifteen parts of mash.

**CRYSTAL GRIT**—Not only your large fowls, but your small chickens must have grit. Most so-called chicken cholera is simply indigestion caused by lack of grit with which to grind the food. Large, medium and chick.

**CHARCOAL**—This is a most excellent ingredient to mix with mash.

**POULTRY BONE**—Should be kept before poultry of all classes, at all times, especially where egg production is desired. They will be the best judges as to the amount they want. Young chickens should be permitted to get it at their pleasure. Large, medium, chick and meal.

**OYSTER SHELLS**—“Science Finds That Oyster Shells Make Hens Lay More Eggs”—Pilot Brand Shell Flake is Genuine Oyster Shell, softer and containing more lime than other shell or mineral matter; easily digested; is washed free from dirt and all foreign matter. It is graded into two sizes, hen size and baby chick size, and packed in new bags bearing the Pilot Brand trade mark.

We are distributors for Pilot Brand Oyster Shells, handling a good many carloads in the course of a season.

**MEAT SCRAPS**—For laying hens may be mixed one part meat scraps to three parts crushed grain, bran or shorts. Feed dry in hoppers.

### FINEST CHICKS EVER SAW

Hitchcock Co., Neb., May 22, 1923.

Gentlemen: My chicks I got from you are certainly the finest bunch I ever saw.

Mrs. I. L. Parker

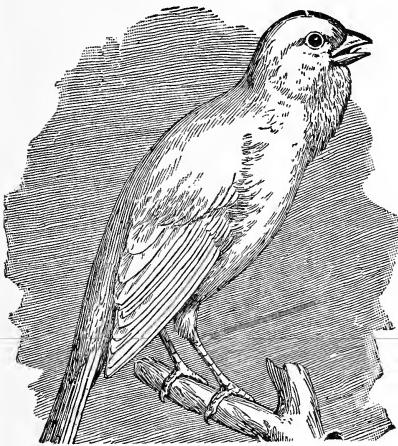
Baby Chicks Are Listed on Page 74



FOR PRICES OF FEEDS, SEE COLORED PRICE SHEET ENCLOSED



## BIRDS AND SUPPLIES



ST. ANDREASBURG ROLLER

**HARTZ MOUNTAIN CANARIES** (Imported)—These birds are imported right from the Hartz Mountain region in Europe. They are famous for their clear, pure, beautiful song; they are the most popular canary, sure to please. Prices: Guaranteed good singers, Males, good birds, \$10.00 each; selected, \$12.00 each; extra selected, \$15.00 each.

**HARTZ MOUNTAIN** (American Raised)—Prices: Males, good birds, \$6.50 each; selected, \$8.00 each; extra selected, \$10.00 each. Females, \$1.50 and \$2.00 each. **OTHER BIRDS**—Write for prices.

Cuming Co., Neb., Feb. 26, 1923

Gentlemen: The bird arrived o. k., and within a half hour after I got him in the cage, he started to sing, and sings day or night. We are sure satisfied with the bird.

REIMANN BROS.

**JAPANNED OR PAINTED CAGE.** (See cut No. 169.) This is the common bird cage so much used. It is a white enameled cage decorated with green. It is neat, durable and convenient. It is undoubtedly the best cage on the market for the money. We have it in the following sizes:

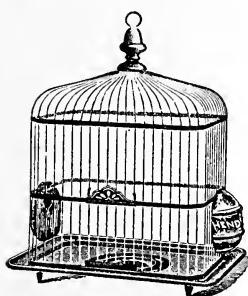
No. 162	9½x9½ inches.....	\$3.15
No. 163½	10½x10½ inches....	3.75
No. 167	11x7½ inches.....	3.15
No. 169	13x8¾ inches.....	3.85

**No. 267-G.** Same size and similar to No. 167 but white enameled and with brass guard. Price, \$4.75.

**No. 269-G.** Same size and similar to No. 169 but white enameled and with brass guard. Price, \$6.15.

### CUTTLE BONE

Important for canaries, parrots and all seed-eating birds. Large, 10c; small, 5c; postpaid.



No. 169

### SONG RESTORER (Bird-Peptoast)

There is only one food which you should give to your birds in addition to their regular seed, and that is Bird-Peptoast. This is the best and purest song-restorer on the market. As a conditioner this food has no equal, and if kept in the cage will keep your birds always in good condition. Price, 25c, postpaid.

## A COMPLETE STOCK BIRD SEED CLEAN AND PURE

### CANARY (Sicily)

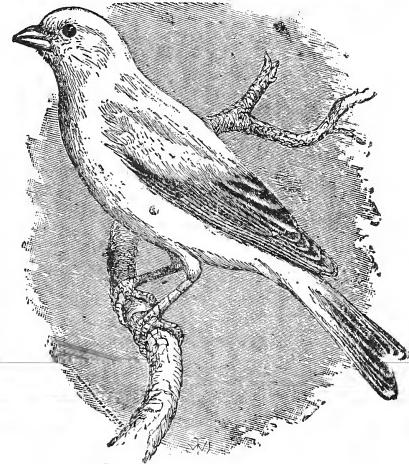
Superior to all other varieties, 1 lb., 25c; 5 lbs., 80c, postpaid; 1 lb., 15c; 5 lbs., 65c, by express.

### BIRD RAPE

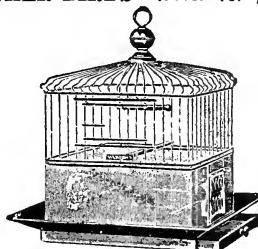
Very desirable to furnish variety. 1 lb., 30c; 2 lbs., 50c, postpaid. 1 lb., 20c; 2 lbs., 35c; 5 lbs., 90c, by express.

### MIXED SEED FOR CANARIES

All clean, plump seed, mixed in the proportion called for by experienced bird fanciers. 1 lb., 25c; 5 lbs., 80c; 10 lbs., \$1.50; postpaid. 1 lb., 15c; 5 lbs., 65c, by express.



HARTZ MOUNTAIN CANARY



No. 610-G

Sweetwater Co., Wyo., Sept. 13, 1923.  
Gentlemen: The canary I received not very long ago gives me especially good satisfaction. He is a first-class singer.

JOHN GOLOB.

### HEAVY BRASS CAGE, DRAWER BASE

This is undoubtedly the best cage we have. It is very attractive, neat and durable. It is of mission style with brass guard and new style moulding base that pulls out as a drawer. No. 606 Guard 10½x7½x13¼ \$ 9.50  
No. 610 Guard 13x8½x14¾ 11.50

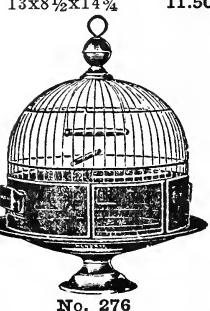
### FANCY HALF GLOBE CAGE

Similar in shape to No. 276. Very popular style, neatly japanned, white trimmed in green, or all ivory. Has screen to prevent scattering of seed. No. 6-10 in. diam. 16¾ in. high. \$4.75  
No. 7-12 in. diam. 18 in. high. 6.00

### DOUBLE BREEDING CAGE

Has wire and solid partitions, sliding drawer, four cups, six perches, two nets with holders, closed back. White enameled, green trimmed.

No. 86S	17¾x8¾x13¾.....	\$ 5.50
No. 86	20x10x14.....	7.00
No. 87	22x11x15¾.....	8.00
No. 88	24½x12¾x16¾.....	10.00



No. 276

**ROUND BRASS CAGE.** (See cut No. 276.)—One of our best sellers, made of brass throughout and fitted with brass wire guard.

No. 274	10 in. diameter; 16 inches high.....	\$6.00
No. 275	11 in. diameter; 16½ inches high.....	6.75
No. 276	11½ in. diameter; 18 inches high.....	7.50
Bird Nesting	12c, postpaid	Bird Manna ... 20c, postpaid
Insect Powder	20c, postpaid	Wire Nets... 20c, postpaid
Birdolene	20c, postpaid	Brass Springs... 15c, postpaid
Canary Highball	20c p'stpaid	Glass Cups... 20c, postpaid

### MAMMOTH RUSSIAN SUNFLOWER

Most important food for parrots. Very nutritious and is liked by all large seed-eating birds. Postpaid: 1 lb., 25c; 2 lbs., 40c. By express: 1 lb., 15c; 5 lbs., 65c; 10 lbs., \$6.00; 100 lbs., \$11.00.

### HEMP, RUSSIAN

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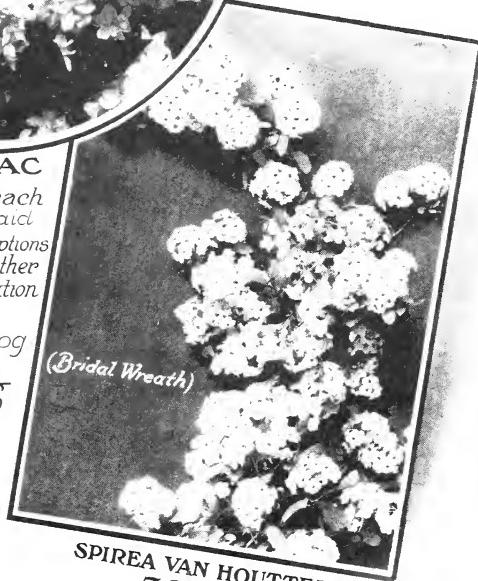
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